



PUBLIC DISCLOSURE STATEMENT

VIRIDIOS GROUP PTY LTD

**ORGANISATION CERTIFICATION
FY2022–23**

Australian Government

Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Viridios Group Pty Ltd
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 2023 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><i>Geoff Clear</i></p> <p>Geoff Clear Director and Group COO 02 April 2024</p>



Australian Government

Department of Climate Change, Energy,
the Environment and Water

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement document represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.

Version August 2023.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	989 tCO ₂ -e
OFFSETS USED	100% VCU's
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Pangolin Associates Pty Ltd
TECHNICAL ASSESSMENT	17/3/2023 Pangolin Associates Pty Ltd Next technical assessment due: FY2025

Contents

1. Certification summary.....	3
2. Carbon neutral information	4
3. Emissions boundary	6
4. Emissions reductions.....	8
5. Emissions summary.....	8
6. Carbon offsets	12
7. Renewable Energy Certificate (REC) Summary	14
Appendix A: Additional Information	15
Appendix B: Electricity summary	16
Appendix C: Inside emissions boundary	20
Appendix D: Outside emissions boundary	21

2. CARBON NEUTRAL INFORMATION

Description of certification

This report has been prepared for the financial year from 1 July 2022 to 30 June 2023 and covers the business operations of Viridios Group Pty Ltd, ABN 14 644 882 182.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following location:

- Suites 101-103, 1-3 Gurrigal Street, MOSMAN 2088 NSW
- Level 2, 22 Wandoo Street, FORTITUDE VALLEY 4006 QLD (leased from October 2022)
- G09 & G11, 78-79 Pall Mall, SW1Y 5ES London, United Kingdom (leased from March 2023)

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

Organisation description

Viridios Group's mission is to mobilise positive action towards net-zero. The Viridios Group aims to achieve this by helping to improve transparency in the voluntary carbon markets to ensure the effective allocation of capital in carbon reduction projects. The head company, Viridios Group Pty Ltd (ABN 89 651 556 508) does this via its two operating companies, included within this certification:

Legal entity name	ABN	ACN
Viridios Capital Pty Ltd (Viridios Capital)	52 636 277 328	
Viridios AI Pty Ltd (Viridios AI)	14 644 882 182	

Viridios Capital is an investment business which allocates capital to nature-based and other high quality carbon finance projects. This is both via capital markets activities, a high value origination business as well as investment funds. Viridios AI is a software as a service (SaaS) business and was established to provide greater transparency and access to carbon credit pricing and project information globally.

The Viridios Group is headquartered in Mosman, Sydney:

Suite 102, 1-3 Gurrigal Street
Mosman, NSW 2088.

This office hosts the operations of both Viridios Capital and Viridios AI, and 11.7 FTE worked from these premises during the reporting period covered by this certification. Three more FTE worked from the Brisbane office and 4 FTE operated from the London office.

Viridios Group also counts Australian and international remote workers (not associated with the above-mentioned offices) supporting the operations of both child companies. These workers are comprised of both permanent employees and contractors:

- 1 remote FTE located in Australia (Victoria)
- 1 remote FTE working from Belgium
- 1 remote FTE working from Bosnia
- 7 remote FTE working from Brazil
- 1 remote FTE working from Canada
- 1 remote FTE working from Croatia
- 1 remote FTE working from Germany
- 3 remote FTE working from India
- 1 remote FTE working from Kosovo
- 0.8 remote FTE working from Romania
- 2 remote FTE working from Spain
- 1 remote FTE working from Switzerland
- 3 remote FTE working from United Kingdom
- 12.5 remote FTE working from United States

The operations held from the above Australian and international locations and all remote worker activities are included in the scope of this certification.

Investments managed by Viridios on behalf of clients (using clients' capital) are not included in the scope of this certification.

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 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

Quantified

- Electricity: Australia and United Kingdom
- Accommodation: Australia, United Kingdom and United States
- Carbon neutral products and services: Australia
- Construction materials and services: Australia
- Food: Australia, United Kingdom and United States
- ICT services and equipment: Australia and United Kingdom
- Office equipment and supplies: Australia, United Kingdom and United States
- Postage, courier and freight: Australia and United Kingdom
- Professional services (Accounting, Business, Advertising, Banking, Legal, Recruitment, Consulting services): Australia, United Kingdom and United States
- Transport (air) : Australia, United Kingdom and United States
- Transport (land and sea) : Australia and United Kingdom
- Waste: Australia and United Kingdom
- Working from home: Australia, Brazil, Belgium, Bosnia, Canada, Croatia, India, Kosovo, Romania, Spain, Switzerland, United Kingdom and United States

Non-quantified

Refrigerants
Water

Outside emission boundary

Excluded

Managed investments

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

The Viridios Group commits to reducing the emissions of its business operations by 50% by 2030, from a 2022 baseline. As a start-up phase business, this commitment is made under an intensity target by full time employee (FTE). This means that over time, emissions may increase as the head count within the business is continually increasing in line with business growth. Viridios Group is targeting to reach 10.4 tCO₂-e/FTE by 2030. This target includes emissions derived from international staff and offices.

- There is no specific target to reduce Scope 1 emissions as Viridios Group's emissions are negligible under this category.
- Scope 2 emissions will be reduced by:
 - Viridios' Australian operations are mostly powered under a renewable energy supply contract
- Scope 3 emissions will be reduced by:
 - Seeking Professional Service providers who commit to reducing and offsetting their own emissions, including advertisers. A reduction target of 50% is to be effective for this item within the next two years.
 - Engaging the landlord and request GreenPower for shared office space.
 - Joining forces with co-tenants to request further positive changes at the base building.
 - Sourcing catering from providers which are carbon neutral or request vegetarian options as much as possible.
 - We separate recyclable waste
 - Aim to engaging staff via educational sessions to encourage more sustainable everyday habits.

Emissions reduction actions

Viridios baseline certification (FY2022) happened at the very end of FY2023 which did not allow much time to action its emissions reduction strategy between both reporting periods. Viridios foresees more actions to happen by the end of the FY2024 reporting cycle. Viridios has however started implementing the following waste management actions:

- encouraging staff to recycle waste where possible by placing sorting bins in the office and to reduce the use of printed materials in favour of digital documents. This includes the use of e-signing of various agreements and contracts as a matter of good practice.

Emissions over time

This section compares emissions between the base year and all subsequent reporting years until the current year of certification.

Emissions since base year		
		Total tCO ₂ -e
Base year/Year 1:	2021–22	764.8
Year 2:	2022–23	989.0

Significant changes in emissions

Viridios has significantly grown in size since the first year of certification, going from 36.8 FTE to 53.9 FTE and opening two new offices. An increase in total emissions was to be expected with the growth of the company and associated activity. However, Viridios' emissions profile has remained steady, resulting in a decrease in emissions to 18.35 tCO₂-e/FTE compared to the previous year's 20.78, so we're on track to achieve our 2030 commitment.

The following changes in emissions are the most significant to note:

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Consulting services	523.4	280.4	FY2022 included a consequent investment in consulting services due to business growth. This was a one-off investment which was not repeated in FY2023.
Long business class flights (>3,700km)	79.9	136.8	Increase in business flights with the increase of workforce (especially remote workers)

Long business class flights increased during the reporting period. This was attributable to the following factors:

1. The previous reporting period was impacted by COVID 19 travel restrictions and the base line from that period was lower than would have normally been the case;
2. The opening of the London office. Some travel was undertaken to oversee this event.
3. Overall increases in line with head count increases.

Viridios limits unnecessary business travel where possible, using technology to undertake a substantial portion of business meetings where attendees are not in the same location. Essential business travel can include attending conferences and events such as COP as well as conducting due diligence on investments.

Use of Climate Active carbon neutral products, services, buildings or precincts

The following certified Climate Active Carbon Neutral services have been used by Viridios Group during the reporting period:

Certified brand name	Product/Service/Building/Precinct used
Corrs Chambers	Legal Services
Pangolin Associates	Consultant Services

Emissions summary

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

Emission category	Sum of total emissions (t CO ₂ -e)
Accommodation and facilities	8.53
Climate Active carbon neutral products and services	0.00
Construction materials and services	0.29
Electricity	26.96
Food	19.75
ICT services and equipment	0.33
Office equipment and supplies	2.52
Postage, courier and freight	0.19
Professional services	553.99
Transport (air)	168.12
Transport (land and sea)	11.66
Waste	3.61
Working from home	2.49
International Business Travel (United Kingdom and United States)	138.39
International Electricity (United Kingdom)	0.48
International Employees commute (United Kingdom)	2.73
International Food & Beverage (United Kingdom and United States)	0.56
International ICT Services (United Kingdom)	1.84
International Office Supplies & Services (United Kingdom and United States)	3.39
International Postage, Courier & Logistics (United Kingdom)	0.01
International Professional Services (United Kingdom and United States)	15.02
International Waste (United Kingdom)	0.13
International Working from Home (Brazil, Belgium, Bosnia, Canada, Croatia, India, Kosovo, Romania, Spain, Switzerland, United Kingdom and United States)	27.99
Total emissions	988.99

Uplift factors

N/A (no uplift factor was applied as part of this report).

5. CARBON OFFSETS

Offsets retirement approach

This certification has taken in-arrears offsetting approach. The total emission to offset is 989 t CO₂-e. The total number of eligible offsets used in this report is 989 t. Of the total eligible offsets used, 0 were previously banked and 989 t were newly purchased and retired. 0 offsets have been banked for future use.

Co-benefits

N/A

Eligible offsets retirement summary

Offsets retired 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 retired (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 (%)
Tumring REDD+ Project, Cambodia	VCU	Verra	24 Nov 2023	11085-278888995-278889076-VCS-VCU-263-VER-KH-14-1689-01012019-31122019-1	2019		82	0	0	82	8%
Floresta Verde REDD+ Project, Brazil	VCU	Verra	24 Nov 2023	9168-72623183-72624089-VCS-VCU-1531-VER-BR-14-1953-01012016-31122016-1	2016		907	0	0	907	92%
Total eligible offsets retired and used for this report										989	
Total eligible offsets retired this report and banked for use in future reports									0		
	Type of offset units			Eligible quantity (used for this reporting period)				Percentage of total			
	Verified Carbon Units (VCUs)			989				100%			

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the **market-based approach**.

.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO 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)	0	0	0%
GreenPower	0	0	0%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	6,537	0	19%
Residual Electricity	28,234	26,964	0%
Total renewable electricity (grid + non grid)	6,537	0	19%
Total grid electricity	34,771	26,964	19%
Total electricity (grid + non grid)	34,771	26,964	19%
Percentage of residual electricity consumption under operational control	37%		
Residual electricity consumption under operational control	10,534	10,060	
Scope 2	9,302	8,884	
Scope 3 (includes T&D emissions from consumption under operational control)	1,231	1,176	
Residual electricity consumption not under operational control	17,701	16,904	
Scope 3	17,701	16,904	

Total renewables (grid and non-grid)	18.80%
Mandatory	18.80%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	8.88
Residual scope 3 emissions (t CO₂-e)	18.08
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	8.88
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	18.08
Total emissions liability (t CO₂-e)	26.96

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

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	37%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
ACT	0	0	0	0	0	0
NSW	28,426	10,605	7,742	636	17,821	14,078
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	6,345	2,367	1,728	355	3,978	3,501
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	34,771	12,972	9,470	991	21,799	17,579
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	34,771					

Table 1

Residual scope 2 emissions (t CO ₂ -e)	9.47
Residual scope 3 emissions (t CO ₂ -e)	18.57
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	9.47
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	18.57
Total emissions liability	28.04

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market based method is outlined as such in the market based summary table.		

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market based summary table.		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources 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	Justification reason
Refrigerants	Immaterial
Water	Immaterial

Data management plan for non-quantified sources

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

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this 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.

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Managed Investments	N/A	N/A	N/A	N/A	N/A	Managed investments (investments managed by Viridios on behalf of clients, using clients' capital) are an optional category of investments to report under the <i>GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard</i> . They have been deemed outside of Viridios' emissions boundary as they are already part of Viridios' clients' indirect emissions and part of the investment projects' direct emissions. As such, they have not been tested for relevance.



An Australian Government Initiative

