PUBLIC DISCLOSURE STATEMENT

SOUTH POLE AUSTRALIA

ORGANISATION CERTIFICATION
CY2022

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	South Pole Australia Pty Ltd
REPORTING PERIOD	Calendar year 1 January 2022 – 31 December 2022 Arrears report
DECLARATION	*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.*
	Dale Dawson Director 11 October 2023
	John Davis Director 11 October 2023

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

Version March 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	244 tCO_2-e
OFFSETS USED	100% VERs
RENEWABLE ELECTRICITY	71.3%
CARBON ACCOUNT	Prepared by: South Pole
TECHNICAL ASSESSMENT	Next technical assessment due: CY 2023 report

Contents

2. CARBON NEUTRAL INFORMATION

Description of certification

The emission inventory in this public disclosure summary covering the 1 January 2022 – 31 December 2022 reporting period has been developed in accordance with the Climate Active Carbon Neutral Standard for Organisations.

The operational boundary has been defined based on an operational control approach. The boundary covers all entities where South Pole Australia has operational control, including its offices in Sydney and Melbourne.

Our emissions inventory incorporates the seven greenhouse gases listed under the Kyoto Protocol: carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF_6) and nitrogen trifluoride (NF_3). This inventory presents them as carbon dioxide equivalents (CO_2-e) and classifies scope 1, 2, and 3 emissions where applicable.

Organisation description

South Pole Australia is the Australian subsidiary of South Pole Asset Management (South Pole), headquartered in Switzerland. South Pole is a leading climate change solutions provider. Initially focused on the development of premium emissions reduction projects, the company now offers a wide spectrum of sustainability services, including climate policy and strategy advisory. Its expertise covers the areas of climate change, forests & land use, water, and sustainable cities and buildings, as well as renewable energy and energy efficiency. South Pole is determined to help its clients grow their business with ground-breaking climate and sustainability solutions, which positively impact the environment, economy and society.

South Pole's Australian presence covers all areas of expertise, from consulting and marketing to sales and portfolio. The local Australian team is well connected to South Pole's global network of experts. South Pole Australia's offering includes consulting, marketing, and product services across five key areas: carbon credits, renewable energy, sustainability consulting, data solutions, and funds and platforms.

This involves providing both the public and private sector with carbon offsets, renewable energy certificates and services including sustainable supply chains and Task Force on Climate-related Financial Disclosures (TCFD) advisory.

In addition, South Pole provides advisory on carbon pricing, climate finance, smart cities and climate policy/Nationally Determined Contributions (NDCs) for the public sector.

South Pole Australia's greenhouse gas (GHG) accounting and reporting procedure is based on the Climate Active Carbon Neutral Standard for organisations and the 'Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard Revised edition' (GHG Protocol).

The table below presents general information about the company and its reporting period.

Table 1. Company information

Company information	
Website	www.southpole.com/sp-australia
Business area	Consultancy
Number of full-time employees (FTEs)	60[1]

The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN
South Pole Australia Pty LTD	76 613 197 210	613 197 210

[1] 50 FTEs in the Sydney office and 10 FTEs in the Melbourne office

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

Accommodation and facilities

Electricity

Food

ICT services and equipment

Office equipment & supplies

Professional Services

Transport (Air)

Transport (Land and Sea)

Waste

Water

Working from home

Non-quantified

Refrigerants

Natural gas

Outside emission boundary

Excluded

International South Pole offices

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

South Pole is taking environmental responsibility for its operations through its Sustainability Policy and Action Plan. It continuously measures its climate impact and encourages the development and diffusion of environmentally-friendly technologies. In January 2018, a number of sustainability targets and goals that have an impact on South Pole's greenhouse gas emissions in Australia were set for the year 2025. Additionally, in 2021, South Pole set a near-term science-based target (SBT) in line with 1.5°C warming scenarios:

"South Pole commits to reduce absolute scope 1 and scope 2 GHG emissions 50% by 2030 from a 2018 base year."

This SBT was validated by the Science-Based Targets initiative (SBTi) through the SME pathway and can be publicly viewed on the SBTi website. As South Pole is projected to no longer be an SME, South Pole has committed to setting a near-term and a long-term SBT to reach net zero value chain GHG emissions across all relevant scopes, including scope 3.

While the targets above are for South Pole's global operations, South Pole Australia is responsible for contributing to each of these targets.

Emissions reduction actions

2018-2025 Objectives	Key Performance Indicator (KPI)	2025 Target	South Pole Australia Progress to 2022	Emissions savings from 2018-2022
Goal 1: Reduce, compensate, and report our carbon emissions				
Power operations with renewable electricity	% of renewable electricity sources per total electricity sources	100% of electricity purchased is procured from renewable sources, in offices where we have control	100.00% of office electricity made renewable through REC purchase	15.1 tCO_2-e
Reduce South Pole office energy consumption through energy efficiency measures	MWh/employee	20% reduction in MWh/employee	-76.16% reduction in MWh/employee due to extended office closures during COVID and a new office opening	
Reduce carbon emission from business travel	km/employee	10% reduction in km/employee from business travel by all transport modes	-69.58% reduction in km/employee due to increase in employee counts and a reduction of business travel	83.0 tCO_2-e increase in emissions due to additional business travel due to an increase in staff members
	km/employee	15% reduction in km/employee from business travel by air	-69.58% reduction in km/employee due to fewer business trips and increased employee counts	
Climate neutral and climate positive company	tCO_2-e	Achieve climate positive status	100.00% of emissions offset (climate neutral)	0.00 tCO_2-e (carbon neutrality achieved from 2018-2020)
Goal 2: Water consumption				
Reduce water consumption in South Pole operations	m^3/employee	20% reduction in m3/employee in offices where we have control	-70.56% reduction in m_3/employee due to extended office closures	0.87 tCO_2-e increase due to an increase in staff members

2018-2025 Objectives	Key Performance Indicator (KPI)	2025 Target	South Pole Australia Progress to 2022	Emissions savings from 2018-2022
Goal 3: waste and recycling				
Reduce waste generation within South Pole offices	kg waste/employee	15% reduction in kg waste/employee	-28.17% reduction in kg waste/employee due to increased employee size and more sustainable habits reducing waste production	4.98 tCO_2-e increase in emissions due to increased staff members and offices opening
Recycle all possible materials produced within South Pole operations	% recycled waste per total waste	20% recycled waste	35.00% recycled waste	
Goal 5: zero deforestation				
Paperless office	paper sheets/employee	50% reduction in paper sheets/employee	There was no paper purchased during the reporting period	0.00 tCO_2-e reduction in emissions
Purchase of only recycled and certified paper	% of certified or recycled paper	75% certified or recycled paper purchased	100.00% recycled paper purchased	
Goal 8: Employee engagement				
Promote sustainable commuting practices	% of employees commuting via public transport, bicycle, or walking	90% of South Pole employees commuting via public transport, bicycle, or walking	100% employees commuting via public transport, bicycle, or walking	1.61 tCO_2-e

5.EMISSIONS SUMMARY

Emissions over time

Emissions have increased in 2022 due to a significant increase in employee counts.

		Emissions since base year	
		Total tCO_2-e (without uplift)	Total tCO_2-e (with uplift)
Base year:	2018	107.54	N/A
Year 1:	2019	130.01	N/A
Year 2:	2020	21.63	N/A
Year 3:	2021	54.91	N/A
Year 4:	2022	243.56	N/A

Significant changes in emissions

Emissions from business flights have increased since last year due to an increase in employee counts and the reduction of COVID restrictions. This meant that there was an increase in international travel and domestic travel.

Emission source	Previous year emissions (t CO_2-e)	Current year emissions (t CO_2-e)	Reason for change
Air travel	10.0	138.9	Increase in emissions due to increased staff members traveling overseas and reduction of COVID restrictions
Accommodation	0.18	18.3	Increase in accommodation due to an increase in staff members traveling due to a reduction in COVID restrictions
ICT equipment	7.6	52.2	Increased employee counts and movement into a new office meant purchasing new IT equipment at higher rates than previous years
Working from home emissions	6.9	13.1	Increased employee counts and office closure between April and December due to moving into new office in Sydney

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

N/A

Emissions summary

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

Emission category	Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Scope 3 (t CO_2-e)	Total emissions (t CO_2-e)
Accommodation and facilities	0.00	0.00	18.27	18.27
Electricity	0.00	6.90	0.91	7.81
Food	0.00	0.00	2.29	2.29
ICT services and equipment	0.00	0.00	52.29	52.29
Office equipment & supplies	0.00	0.00	0.01	0.01
Professional Services	0.00	0.00	2.02	2.02
Transport (Air)	0.00	0.00	138.88	138.88
Transport (Land and Sea)	0.00	0.00	2.55	2.55
Waste	0.00	0.00	5.28	5.28
Water	0.00	0.00	1.17	1.17
Working from home	0.00	0.00	13.08	13.08
Total	**0.00**	**6.90**	**236.66**	**243.64**

Uplift factors

NA

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken in-arrears offsetting approach. The total emissions to offset are 244 t CO_2-e. The total number of eligible offsets used in this report is 244. Of the total eligible offsets used, 0 were previously banked and 244 were newly purchased and retired. 7 units are remaining from previously retired units, and have been banked for future use.

Eligible offsets retirement summary

Offsets retired for Climate Active 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 (%)**
Prony and Kafeate wind-farms, New Caledonia	VER	Gold Standard	25 May 2023	GS1-1-NC-GS566-12-2016-19149-28721-28966	2016	-	246	2[2]	0	244	100%
Prony and Kafeate wind-farms, New Caledonia	VER	Gold Standard	23 June 2023	GS1-1-NC-GS566-12-2015-5967-13133-13188	2015	-	56	49	7	0	0%
									Total eligible offsets retired and used for this report	**244**	
									Total eligible offsets retired this report and banked for use in future reports	**7**	

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Emissions Reductions (VERs)	244	100%

[2] 2 units have been used for South Pole's CY2022 service certification.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	12

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements) and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Baking Board solar farm - QLD	QLD, Australia	LGC	REC Registry	24 March 2022	SRPVQLB2	3670 - 3681	2022	Solar	12
Total LGCs surrendered this report and used in this report									**12**

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)	12,000	0	42%
GreenPower	3,013	0	11%
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)	5,314	0	19%
Residual Electricity	8,183	7,815	0%
Total renewable electricity (grid + non grid)	**20,327**	**0**	**71%**
Total grid electricity	**28,510**	**7,815**	**71%**
Total electricity (grid + non grid)	**28,510**	**7,815**	**71%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**8,183**	**7,815**	
Scope 2	7,226	6,901	
Scope 3 (includes T&D emissions from consumption under operational control)	956	913	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	.

Total renewables (grid and non-grid)	**71.30%**
Mandatory	**18.64%**
Voluntary	**52.66%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO_2-e)	**6.90**
Residual scope 3 emissions (t CO_2-e)	**0.91**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**6.90**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.91**
Total emissions liability (t CO_2-e)	**7.81**

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	**100%**	**(kWh)**	**Scope 2 Emissions (kg CO_2-e)**	**Scope 3 Emissions (kg CO_2-e)**	**(kWh)**	**Scope 3 Emissions (kg CO_2-e)**
NSW	14,821	14,821	10,819	889	0	0
VIC	13,689	13,689	11,636	958	0	0
Grid electricity (scope 2 and 3)	**28,510**	**28,510**	**22,455**	**1,848**	**0**	**0**
NSW	0	0	0	0		
VIC	0	0	0	0		
Non-grid electricity (behind the meter)	**0**	**0**	**0**	**0**		
Total electricity (grid + non grid)	**28,510**					

Residual scope 2 emissions (t CO_2-e)	**22.46**
Residual scope 3 emissions (t CO_2-e)	**1.85**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**22.46**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**1.85**
Total emissions liability (t CO_2-e)	**24.30**

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.

South Pole was unable to obtain information about the technology used in the air conditioning (AC) systems and any natural gas consumption of the buildings where South Pole had its offices in 2020.

These emission sources are estimated to each be immaterial (<1% of the total emissions) and are thus non-quantified in the carbon inventory.

Relevant non-quantified emission sources	Justification reason
Refrigerants	Immaterial
Natural Gas	Immaterial

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan due to these emissions being considered under 1% of the total emissions.

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 organisation

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
International South Pole Offices	Y	N	N	N	N	**Size:** The emissions from international offices are high comparatively to the South Pole Australia offices, however these are outside of the boundary for Climate Active reporting **Influence:** South Pole Australia has no influence over these emissions since they are all individual legal entities **Risk:** There is no risk of international offices to South Poles emissions since it does not influence our operations **Stakeholders:** Based on Climate Active boundaries, South Pole Australia views these as being outside of the Climate Active certification **Outsourcing:** These emissions have never been included in South Pole Australia's emissions boundary

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