



PUBLIC DISCLOSURE STATEMENT

SOUTH POLE AUSTRALIA

SERVICE CERTIFICATION

CY2021

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	South Pole Australia Pty Ltd
REPORTING PERIOD	Calendar year 1 January 2021 – 31 December 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> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Dale Dawson Director 14 August 2023 </div> <div style="text-align: center;">  John Davis Director 14 August 2023 </div> </div>



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

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Version March 2022.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1 tCO ₂ -e ¹
OFFSETS BOUGHT	100% VERs
RENEWABLE ELECTRICITY	39%
TECHNICAL ASSESSMENT	29/06/2023 Ajit Padbidri South Pole Next technical assessment due: CY2024 report

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¹ Total emissions attributable to this service certification is 56 t CO₂-e, of which 55 have already been offset in the South Pole's CY2021 certification.

2. CARBON NEUTRAL INFORMATION

Description of certification

The emission inventory in this public disclosure summary covering the 1 January 2021 – 31 December 2021 reporting period has been developed in accordance with the Climate Active Carbon Neutral Standard for Products and Services.

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.

South Pole Australia's complete consulting services emissions are included in the boundary by default (i.e. full coverage). Service emissions are calculated on a cradle-to-grave basis, with a functional unit of kgCO₂-e/hour.

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)	26

Our emissions inventory incorporates the seven greenhouse gases listed under the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). This inventory presents them as carbon dioxide equivalents (CO₂-e) and classifies scope 1, 2, and 3 emissions where applicable.

Service 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-

“In Australia, it makes sense for us to make our local operations carbon neutral as a way to lead by example and ‘walk the talk.’”

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.

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 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable 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

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Accommodation and facilities
Cleaning and chemicals
Electricity
Food
Horticulture and agriculture
ICT services and equipment
Office equipment and supplies
Products
Professional services
Transport (Air)
Transport (Land and sea)
Waste
Water
Working from home

Non-quantified

Refrigerants
Stationary energy
Overseas South Pole consultants working on Australian projects

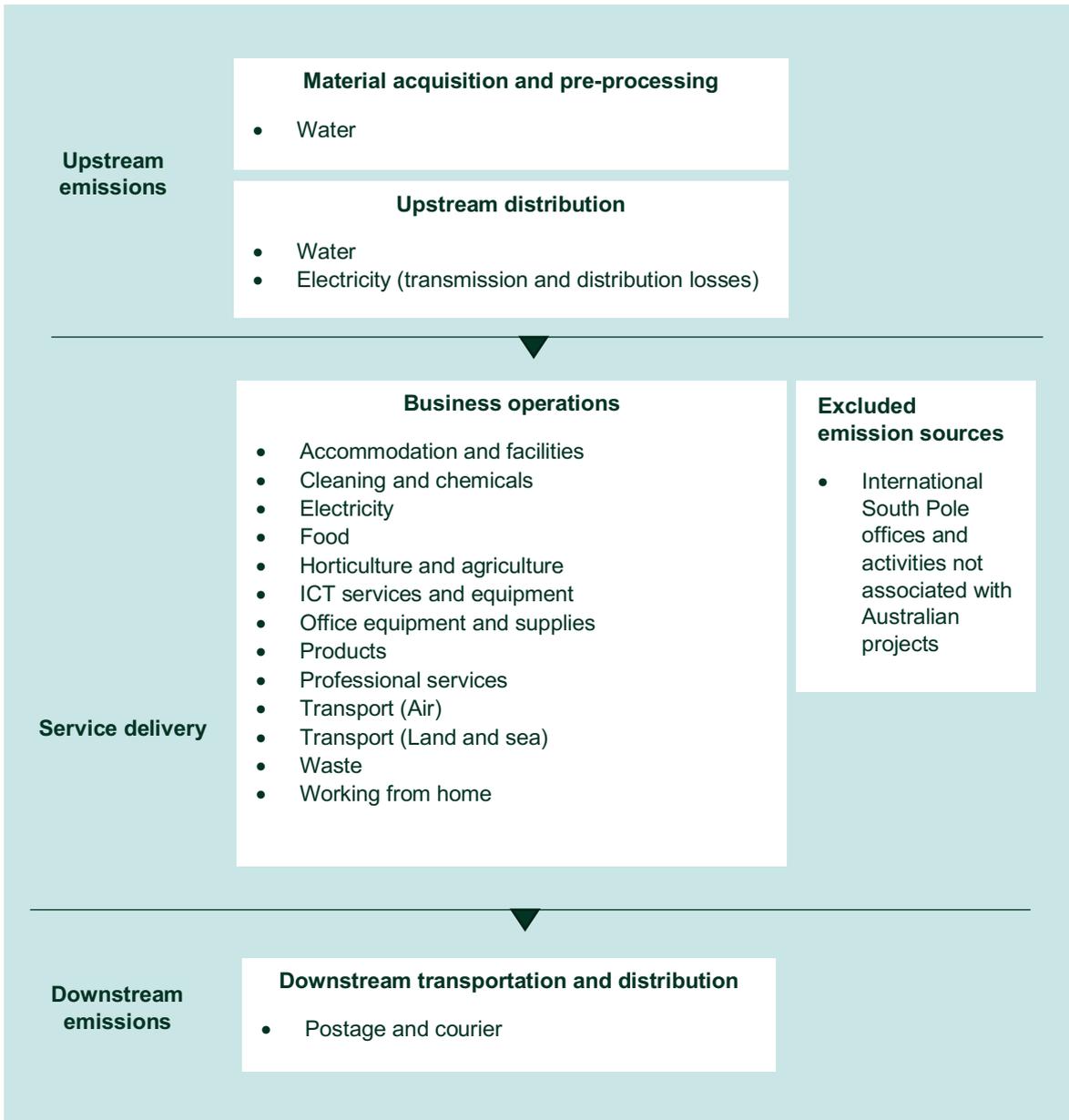
Outside emission boundary

Non-attributable

International South Pole offices and activities not associated with Australian mandates

Service process diagram

The following diagram represents a cradle-to-grave life cycle.



Data management plan for non-quantified sources

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 2021.

These emission sources are estimated to each be immaterial (<1% of the total emissions) and are thus non-quantified in the carbon inventory. A data management plan is not required for immaterial emission sources.

The emissions associated with international consultants working on Australian mandates are considered to be attributable to this service certification. A calculation has been undertaken based on the percentage of time spent on Australian mandates and international office emissions to estimate the emissions from international consultants: approximately 1.51% of South Pole Australia's total emissions. Given the small nature of these emissions and the large time investment required to more accurately quantify these emissions, it was determined to be appropriate to apply an uplift to South Pole Australia's emissions instead.

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

Reporting to the United Nations Global Compact (UNGC) every year since 2015, we make ambitious sustainability commitments and pursue them through our comprehensive sustainability action plan. For the purpose of Climate Active, the table below summarises South Pole's action plan related to reducing its carbon footprint in Australia.

South Pole Australia's progress is positive for most targets, with the exception of % of total waste recycled and sheets of paper printer per employee.

Objective	Action	Key performance indicator	2018 baseline	2025 target	2021 status
Energy (UN SDGs: 7 'Affordable and Clean Energy')	Power operations with renewable electricity	% of purchased electricity globally	18%	100%	39%
	Reduce South Pole office energy consumption through energy efficiency measures	kilowatt-hours (kWh) reduced (tenancy)	719.7 kWh/employee	20% reduction in kWh/employee	On track 86% reduction in kWh/employee
	Reduce carbon emissions from business travel	km/employee	39,025 km/employee	10% reduction in km/employee from business travel by all transport modes	On track 93% reduction in km/employee
			37,333 km/employee	15% reduction in km/employee from business travel by air	On track 94% reduction in km/employee
Water (UN SDG: 6 'Clean Water and Sanitation')	Reduce water consumption in South Pole operations	Cubic metres (m ³)/employee	27.8 m ³ /employee per year	20% reduction in m ³ /employee	On track 95% reduction in m ³ /employee
Waste (UN SDG: 12 'Responsible Consumption and Production')	Reduce absolute waste generation within South Pole offices	kg/employee	57.6 kg/employee	15% reduction in kg waste/employee	On track 89% reduction in kg/employee
	Zero waste to landfill and incineration, including e-waste	kg	Data unavailable	0% of waste to landfill	Action needed 60% waste to landfill

Paper <i>(UN SDGs: 12 'Responsible Consumption and Production'; 15 'Life on Land')</i>	Low paper offices	Number of paper sheets/employee	62.5 sheets/employee	50% reduction in paper sheets/employee	Action needed 54% increase in sheets/FTE
	Purchase of only recycled and certified paper	% certified recycled paper purchased	100% certified recycled paper purchased	99% certified recycled paper purchased	On track 100% certified recycled paper purchased
Employee engagement <i>(UN SDGs: 8 'Decent Work and Economic Growth'; 13 'Climate Action')</i>	Promote sustainable commuting practices	% of employee commuting (by distance travelled) via public transport, rideshare, bicycle and walking	97% employees commuting via public transport, bicycle, or walking	90% of South Pole employees commuting via public transport, bicycle, or walking	On track 100% employees commuting via public transport, bicycle, or walking

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e	Emissions intensity of the functional unit
Base year:	2019	130.01	0.38
Year 1:	2020	21.63	0.07
Year 2:	2021	55.74	0.02

Significant changes in emissions

Significant changes in emissions are covered in the Public Disclosure Statement for our organization certification, available here: <https://www.climateactive.org.au/buy-climate-active/certified-members/south-pole-australia>.

Use of Climate Active carbon neutral products and services

N/A

Service emissions summary

Emission category	Total Emissions (t CO ₂ -e)
Accommodation and facilities*	0.18
Bespoke – domestic hotel with unknown stars *	2.12
Cleaning and chemicals*	0.04
Electricity*	9.19
Food*	4.19
Horticulture and agriculture*	0.14
ICT services and equipment*	7.60
Office equipment & supplies*	2.68
Products*	0.20
Professional Services*	7.11
Transport (Air)*	9.81
Transport (Land and Sea)*	4.47
Waste*	0.16
Water*	0.08
Working from home*	6.93
International consultants working on Australian projects (1.51% uplift)	0.83
Total (incl. uplift)	55.74
*Note the above emission sources (excluding uplift) have already been offset through South Pole's organisation certification, and so have been excluded from the calculations of emissions required to be offset.	

Emissions intensity per functional unit (including uplifts)	0.02 tCO ₂ -e/hour
Number of functional units to be offset	3,216.70 hours
Total emissions to be offset	56 tCO ₂ -e*
*Note that all emissions attributable to this service certification, excluding the uplift, have already been offset through South Pole's organisation certification. Therefore, the total emissions to be offset in this Public Disclosure Statement for this certification are equal to 1 tCO ₂ -e.	

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 (tCO ₂ -e)	56
3. Total eligible offsets required for this report	1 ²
4. Total eligible offsets purchased and retired for this report	1
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

The Pacific islands region, including New Caledonia, faces increasing environmental and socioeconomic pressures exacerbated by global climate change and climate variability. Under the United Nations Framework Convention on Climate Change (UNFCCC), small island developing states are recognized as being particularly vulnerable to climate change. Pacific island countries are already severely affected by climate variability and extremes, and they remain extremely vulnerable to future changes.

This project involves six wind farms located in two different sites, Kafeate and Prony, on the island of New Caledonia. The sites were installed by the company Aerowatt and consist of 116 wind turbines providing a total capacity of 31 MW with an estimated yearly production of 40 GWh of electricity which is then exported to the New Caledonian grid. The project, therefore, replaces grid electricity that is 80% produced by fossil-fuel power plants.

By reducing the amount of greenhouse gas emissions in electricity generation, this project makes a significant contribution to climate action both in New Caledonia and globally. Air pollutants such as sulphur dioxide, nitrogen oxides, and particles resulting from the electricity generation from fossil fuels are reduced. The project has boosted local small economies by creating local employment during both the construction and operational phases, also stimulating technology and know-how transfer. In addition, it proves the viability of sustainable development in a vulnerable island nation, promoting climate awareness and future climate action for the Pacific Island region.

² The emissions liability for this service certification is 56 t CO₂-e, of which 55 have already been offset in the organisation CY2021 certification. See <https://www.climateactive.org.au/buy-climate-active/certified-members/south-pole-australia> for more information.

Below is the contribution to the United Nations Sustainable Development Goals of the project:



View the project website: <https://www.southpole.com/projects/prony-green-power-from-wind>

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 (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	23 June 2023	GS1-1-NC-GS566-12-2015-5967-13133-13188	2015	-	56	0	0	1 ³	100%
Total offsets retired this report and used in this report										1⁴	
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 Emissions Reductions (VERs)	1	100%

Most of the emissions attributable to this certification are shared with South Pole's CY2021 organisation certification. The organisation Public Disclosure Statement contains all information about the offsets used for these shared emissions, and is available here: <https://www.climateactive.org.au/buy-climate-active/certified-members/south-pole-australia>.

³ 48 units from this project have been used in South Pole's CY2021 organisation certification, with the remaining 7 units banked for future reporting periods.

⁴ The total emissions attributable to this service certification is 56 t CO₂-e, of which 55 have already been offset in the organisation CY2021 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)*	3
2. Other RECs	0

* 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	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
New Gullen Range Wind Farm Pty Ltd	LGC	REC Registry	11 July 2022	WD00NS09	173 - 174; 513	2021	3	Wind	NSW, Australia
<i>Total LGCs surrendered this report and used in this report</i>							3		

These LGCs are the same as those disclosed in South Pole's CY2021 organisation certification; they cover the same sources and quantity of electricity consumption.

APPENDIX A: ADDITIONAL INFORMATION

South Pole is a registered B Corporation in Australia. This registration by B Lab endorses South Pole Australia as a company that meets rigorous social and environmental standards, and a commitment to goals beyond shareholder profit.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a **market-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)	3,000	0	20%
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)	2,786	0	19%
Residual Electricity	9,241	9,189	0%
Total grid electricity	15,027	9,189	39%
Total electricity consumed (grid + non grid)	15,027	9,189	39%
Electricity renewables	5,786	0	
Residual electricity	9,241	9,189	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ -e)		9,189	
Total renewables (grid and non-grid)	38.50%		
Mandatory	18.54%		
Voluntary	19.96%		
Behind the meter	0.00%		
Residual electricity emissions footprint (tCO₂-e)	9		
<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 ₂ -e)	Scope 3 emissions (kgCO ₂ -e)
NSW	11,348	8,852	794
VIC	3,679	3,348	368
Grid electricity (scope 2 and 3)	15,027	12,199	1,162
NSW	0	0	0
VIC	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total electricity consumed	15,027	12,199	1,162

Emissions footprint (tCO₂-e)	13
Scope 2 emissions (tCO ₂ -e)	12
Scope 3 emissions (tCO ₂ -e)	1

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity Data (kWh)	Emissions (kgCO ₂ e)
N/A	N/A	N/A

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 attributable, 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	No	No
Stationary energy	Yes	No	No	No
Overseas South Pole consultants working on Australian mandates	No	Yes	No	No

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

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
International South Pole offices and activities not associated with Australian mandates	Yes	No	No	No	No



An Australian Government Initiative

