



PUBLIC DISCLOSURE STATEMENT


SPACEFUL PTY LTD

ORGANISATION CERTIFICATION

FY2022–23

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Spaceful Pty Ltd
REPORTING PERIOD	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>Ben Myhill Director 10/5/2024</p>



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

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Version August 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	126 tCO ₂ -e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	N/A; small organisation

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year 2023, from 1 July 2022 to 30th June 2023, and covers the Australian business operations of Spaceful Pty Limited (ABN 84 636 382 324), trading as Spaceful, for the purpose of carbon neutral small organisation certification.

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 locations and facilities:

- 60 Marcus Clarke St, Canberra ACT 2601
- 830 Elizabeth St, Waterloo NSW 2017

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

Spaceful works with corporate clients, consulting on their needs and partnering with the right experts for each project. We manage everything from strategy, planning, and property to design, fit-out and maintenance. It's a simplified process for creating workspaces that inspire teams, excite their clients, and grow their business.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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
Carbon neutral products and services
Electricity
Food
ICT services and equipment
Machinery and vehicles
Office equipment and supplies
Postage, courier, and freight
Products
Professional services
Transport (air)
Transport (land and sea)
Working from home

Non-quantified

Stationary energy and fuels
Cleaning and chemicals
Refrigerants
Waste
Water

Outside emission boundary

Excluded

Fitouts

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Spaceful commits to reduce GHG emissions by minimum 20% over next 10 years compared to 2021-22 baselines. This will include following actions:

Scope 2 emissions will be reduced by:

- Purchase maximum renewable energy for both Canberra and Sydney offices over the next 2 years which will reduce emissions by a minimum of 25%.
- Replace all light globes in Canberra and Sydney offices with efficient LED globes in the next 12 months.
- Installing motion sensors to office lighting over the next 2 years to ensure lights are not operational when staff are not occupying an area.

Scope 3 emissions will be reduced by:

- All air travel to be carbon neutral by 2023 to go towards rebuilding ecosystems.
- Reducing travel emissions by using video conferencing where possible.
- Encouraging employees to opt for more sustainable travel options such as low emission vehicles, carpooling, and walking where possible.
- Opting for available carbon neutral materials by 2030 if possible.

Additionally, Spaceful has invested significant amounts of money to reduce our carbon footprint during the FY2021/22 by implementing the following actions:

- Reduction of flights for client meetings by implementing Zoom and Teams capability.
- Implementation of www.openspace.ai software which allows site managers to live capture site progress which removes the need for project managers and clients to frequently visit sites.
- Introducing an emphasis on specifying renewable materials into projects.

Emissions reduction actions

Spaceful has been very mindful of our footprint since embarking on our reduction journey. We use every opportunity to educate staff on ways to reduce their impact which has helped change the mindset across the organisation. The following actions have been taken across the organisation:

- No single use plastics in the office
- Optimized heating and cooling by programming systems to shut off outside business hours
- Opting for carbon offsets when booking airline flights
- Installed filtered water taps to reduce bottled water

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year/Year 1:	2021–22	107.96	113.36
Year 2:	2022–23	119.74	125.73

Significant changes in emissions

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
NA			

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

All flights to the value of \$30,674.61 in FY2023 were purchased as carbon neutral through the Qantas and Virgin Climate Active carbon neutral system. Furthermore, Spaceful continued to procure carbon neutral AGL tenancy electricity.

Certified brand name	Product/Service/Building/Precinct used
AGL	Tenancy electricity
Qantas	Flights
Virgin Australia	Flights

Emissions summary

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

Emission category	Sum of Scope 1 (t CO2-e)	Sum of Scope 2 (t CO2-e)	Sum of Scope 3 (t CO2-e)	Sum of Total Emissions (t CO2-e)
Accommodation and facilities	0.00	0.00	0.14	0.14
Cleaning and Chemicals	0.00	0.00	0.00	0.00
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Electricity	0.00	7.63	13.48	21.10
Food	0.00	0.00	7.60	7.60
ICT services and equipment	0.00	0.00	17.41	17.41
Machinery and vehicles	0.00	0.00	3.93	3.93
Office equipment and supplies	0.00	0.00	0.30	0.30
Postage, courier and freight	0.00	0.00	0.11	0.11
Products	0.00	0.00	0.19	0.19
Professional services	0.00	0.00	25.66	25.66
Refrigerants	0.00	0.00	0.00	0.00
Stationary Energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary Energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary Energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	1.52	1.52
Transport (land and sea)	19.83	0.00	21.11	40.94
Waste	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00
Working from home	0.00	0.00	0.83	0.83
Total	19.83	7.63	92.28	119.74

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot 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
Mandatory 5% uplift for small organisations	5.98
Total of all uplift factors	5.98
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	125.73

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 126 t CO₂-e. The total number of eligible offsets used in this report is 126. Of the total eligible offsets used, 0 were previously banked and 126 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

Midilli Hydroelectric Power Plant Project

The Project Activity (PA) utilizes the Yeşilirmak waters in a diversion-type run-of-river hydro power scheme to generate electricity with zero carbon emissions for the Turkish Power Grid. The PA will be displacing electricity that would otherwise be generated by the existing grid of the host country. Annual gross electricity production by the PA is estimated to be 124,050 MWh. Therefore the Project Activity is expected to lead to an emission reduction of 63775 tonnes CO₂e annually.

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 (%)	
Midilli Hydroelectric Power Plant Project	VCU	Verra	18/12/2023	12430-410539093-410539101-VCS-VCU-290-VER-TR-1-1330-01012015-31122015-0	2015		9	0	0	9	7%	
Midilli Hydroelectric Power Plant Project	VCU	Verra	18/12/2023	12430-410538951-410539067-VCS-VCU-290-VER-TR-1-1330-01012015-31122015-0	2015		117	0	0	117	93%	
Total eligible offsets retired and used for this report										126		
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)		126					100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

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 **location-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)	9,670	0	24%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	2,452	0	6%
Large Scale Renewable Energy Target (applied to grid electricity only)	2,569	0	6%
Residual Electricity	25,920	24,753	0%
Total renewable electricity (grid + non grid)	14,692	0	36%
Total grid electricity	40,611	24,753	36%
Total electricity (grid + non grid)	40,611	24,753	36%
Percentage of residual electricity consumption under operational control	39%		
Residual electricity consumption under operational control	10,137	9,681	
Scope 2	8,952	8,549	
Scope 3 (includes T&D emissions from consumption under operational control)	1,185	1,132	
Residual electricity consumption not under operational control	15,783	15,073	
Scope 3	15,783	15,073	

Total renewables (grid and non-grid)	36.18%
Mandatory	12.37%
Voluntary	23.81%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	8.55
Residual scope 3 emissions (t CO₂-e)	16.20
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	3.96
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	7.51
Total emissions liability (t CO₂-e)	11.48

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	39%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
ACT	26,945	10,538	7,693	632	16,407	12,962
NSW	13,666	5,345	3,902	321	8,322	6,574
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	0	0	0	0	0	0
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)	40,611	15,883	11,594	953	24,729	19,536
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)	40,611					

Residual scope 2 emissions (t CO ₂ -e)	11.59
Residual scope 3 emissions (t CO ₂ -e)	20.49
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	7.63
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	13.48
Total emissions liability	21.10

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)
AGL	13,900	0

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
Stationary energy and fuels	Immaterial
Carbon neutral products and services	Immaterial
Cleaning and chemicals	Immaterial
Refrigerants	Immaterial
Waste	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

Spaceful provides design and project management services for workspaces. They do not have any control over the manufacturing of goods for and cost of fitout goods sold, and they do not add any value to the product.

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



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