



# **PUBLIC DISCLOSURE STATEMENT**

**SPACEFUL PTY LTD**

**ORGANISATION CERTIFICATION**


**FY2021–22**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Spaceful Pty Ltd
REPORTING PERIOD	Financial year 1 July 2021 – 30 June 2022
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 27/10/2022</p>



**Australian Government**  
**Department of Industry, Science,  
Energy and Resources**

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	114 tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	58.35%
TECHNICAL ASSESSMENT	N/A, small organisation
THIRD PARTY VALIDATION	Type 1 25 November 2022 Katherine Simmons KREA Consulting Pty Ltd

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This inventory has been prepared for the financial year 2021, from 1 July 2021 to 30<sup>th</sup> June 2022, and covers the Australian business operations of Space 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

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 (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-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.

*Climate Active certification is very important to Spaceful as it enables us to commit to reducing our carbon footprint, and in doing so mitigates the effects of global climate change, improves public health, boosts the global economy, and maintains biodiversity. We are pleased to do our part to ensure cleaner air, water, and food for our generation and for generations yet to come.*

## 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 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

### Quantified

Advertising services  
Controlled Diesel  
Flights  
Repair and maintenance  
Controlled Electricity  
Third-Party Electricity  
Employee commute  
Working From Home  
Plant nurseries  
Telecommunications  
Computer and technical services  
Non-bank finance  
Paper  
Printing and stationery  
Insurance  
Legal services  
Accounting services  
Consulting services  
Security and investigation  
Natural gas  
Refrigerants  
Recycling  
Landfill  
Water

### Non-quantified

N/A

### Optionally included

N/A

## Outside emission boundary

### Excluded

Fitouts

## **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

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 minimum 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](http://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.



## 5. EMISSIONS SUMMARY

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

Spaceful purchased Climate Active carbon neutral electricity provided by ActewAGL.

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

### Organisation 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 (tCO <sub>2</sub> -e)
Climate Active Carbon Neutral Products and Services	0.000
Construction Materials and Services	0.650
Electricity	14.523
ICT services and equipment	5.764
Office equipment & supplies	0.178
Professional Services	0.854
Refrigerants	0.136
Stationary Energy (gaseous fuels)	1.462
Transport (Air)	2.052
Transport (Land and Sea)	79.353
Waste	0.273
Water	1.384
Working from home	1.058
Gardening services	0.189
Financial administration management	0.051
Insurance and retirement services	0.041
<b>Total</b>	<b>107.96</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
Compulsory 5% of the total to be added for small organisations.	5.39
Total of all uplift factors	
<b>Total footprint to offset</b> <i>(total net emissions from summary table + total uplifts)</i>	<b>113.36</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears	
1. Total emissions footprint to offset for this report	114
2. Total eligible offsets purchased and retired for this report	0
3. Total eligible offsets banked to use toward next year's report	0

### Co-benefits

#### Midilli Hydroelectric Power Plant

As for social impacts, significant positive employment effects occurred especially during the construction and installation period. Management, operation, and maintenance of the HPP creates permanent jobs which require high qualification, contributing to capacity building and know-how dissemination in Turkey. Moreover, since it is a renewable energy project, it contributes to achieve nationally stated sustainable development priorities which were indicated like in the law on use of renewable energy resources for electricity generation. Introduction purpose of this Law; the use of renewable energy resources for electrical energy generation to spread these resources to the economy in a reliable, economical, and quality manner, decreasing greenhouse gas emissions, utilizing wastes, protecting the environment, and developing the manufacturing sector needed to achieve these objectives. Moreover, sustainable development goals outcomes and the actual results of the contributed sustainable development indicators by the project during the monitoring period such as Climate Action and Affordable and clean energy.

## 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 (%)
Midilli Hydroelectric Power Plant	VCUs	Verra	07/12/2022	<a href="#">12430-410532467-410532580-VCS-VCU-290-VER-TR-1-1330-01012015-31122015-0</a>	01/01/2015-31/12/2015	0	114	0	0	114	100%
<b>Total offsets retired this report and used in this report</b>										114	
<b>Total offsets retired this report and banked for future reports</b>									0		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total				
Verified Carbon Units (VCUs)		114					100%				

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

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

<b>1. Large-scale Generation certificates (LGCs)*</b>	
<b>2. Other RECs</b>	

\* 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
N/A									
<b>Total LGCs surrendered this report and used in this report</b>									

## APPENDIX A: ADDITIONAL INFORMATION

N/A.

# 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 <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)	13,933	0	40%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	3,182	0	9%
Large Scale Renewable Energy Target (applied to grid electricity only)	3,333	0	10%
Residual Electricity	14,597	14,523	0%
<b>Total grid electricity</b>	<b>35,044</b>	<b>14,523</b>	<b>58%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>35,044</b>	<b>14,523</b>	<b>58%</b>
Electricity renewables	20,447	0	
Residual Electricity	14,597	14,523	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		14,523	
<b>Total renewables (grid and non-grid)</b>	<b>58.35%</b>		
<b>Mandatory</b>	<b>58.35%</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>15</b>		

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

Voluntary includes LGCs retired by ACT (MWh) 13

### Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	17,114	13,349	1,198
NSW	17,930	13,986	1,255
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>35,044</b>	<b>27,335</b>	<b>2,453</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>35,044</b>	<b>27,335</b>	<b>2,453</b>
<b>Emission Footprint (TCO2e)</b>	<b>30</b>		
Scope 2 Emissions (TCO2e)	27		
Scope 3 Emissions (TCO2e)	2		

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
Spaceful Pty Ltd Canberra Office Electricity (ActewAGL)	18,237	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. 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
N/A	N/A	N/A	N/A	N/A



# 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.

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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