



# **PUBLIC DISCLOSURE STATEMENT**


**SPATIAL VISION INNOVATIONS PTY LTD  
(SPATIAL VISION)**

**ORGANISATION CERTIFICATION  
CY2023**

Australian Government

# Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Spatial Vision Innovations Pty Ltd (trading as 'Spatial Vision')
REPORTING PERIOD	Calendar year 1 January 2023 – 31 December 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>Glenn Cockerton Managing Director 23<sup>rd</sup> April 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	174 tCO <sub>2</sub> -e
CARBON OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	118.8%
CARBON ACCOUNT	Prepared by: Rewild Agency
TECHNICAL ASSESSMENT	Next technical assessment due: CY2024

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## 2.CERTIFICATION INFORMATION

### Description of organisation certification

This organisation certification is for the business operations of Spatial Vision Innovation Pty Ltd, ABN 28 092 695 951.

This Public Disclosure Statement includes information for CY2023 reporting period.

### Organisation description

Spatial Vision (ABN 28 092 695 951) helps governments and organisations prepare for future transformation with scientific evidence, sophisticated analysis and meaningful insights. For over 20 years, we have developed award winning solutions with services including geospatial consulting, enterprise IT, advanced mapping, data visualisation and analytics.

Spatial Vision trades under two business names:

- Spatial Vision
- Lapis IT

This assessment follows an operational control approach to determine Spatial Vision's operational emissions boundary. Spatial Vision works in a hybrid manner, where staff spend some days working from home and others working from Spatial Vision's head office located at: 8/575 Bourke Street, Melbourne, VIC 3000.

Our company first made a formal commitment to addressing climate change in 2018. Our [latest statement](#) outlines the actions we are taking across the following key areas to address associated challenges.

- **Operations:** We are continuing to review and reduce the carbon footprint of our company's operations; equipping employees with up-to-date knowledge and resources to minimise their own environmental footprint, and improving transparency through annual [public reporting](#) on our actions against the UN Global Goals.
- **Service Delivery:** Our commitment is also demonstrated by our independent investment in resources, knowledge and services to support sustainable outcomes. These investments include our advocacy in climate change adaptation, emergency management, and water utilities, among other areas.
- **Partnerships:** We continue to partner with government agencies, companies and not-for-profit organisations to achieve and/or promote climate change action, and ensure accurate, up-to-date data remains at the heart of our solutions.

Significantly, Spatial Vision **does not** accept service contracts that contribute to misleading information about climate science, or significantly facilitate increases in greenhouse emissions.

As members of the UN Global Compact, Spatial Vision is committed to supporting the 17 UN Sustainable Development Goals (SDGs). Our company's *SDG Ambitions* plan aligns our environmental, social and governance (ESG) goals to the SDGs, incorporating initiatives to offset our carbon impact and regularly report on progress.

Spatial Vision recognises that Climate change is major societal issue that all levels of government, businesses and people must accept responsibility for, and take action. As a private company, Spatial Vision accepts its responsibility in addressing climate change, and contributing to a sustainable future.

Spatial Vision continues to show substantial reductions in our carbon emissions and we are ahead of meeting our reduction targets. Our office operations are 100% powered by Green Power and will continue to be. The greatest opportunity to further reduce emissions are associated with domestic flights and staff working from home.

Spatial Vision has pledged to not accept work from clients that knowingly contributes to significant greenhouse emissions or misleads the public on the significance of climate change.

## 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  
Cleaning and chemicals  
Electricity  
Food & catering  
ICT services and equipment  
Professional services  
Office equipment and supplies  
Stationary energy and fuels  
Repair & maintenance  
Transport (air)  
Transport (land and sea)  
Waste  
Working from home

### Non-quantified

Water

### Optionally included

N/A

## Outside emission boundary

### Excluded

N/A

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

Spatial Vision is pleased to have actionable information on steps we can take to reduce our carbon emissions in the future.

- Spatial Vision will seek to reduce energy consumption by 16% by 2030. This will be actioned through continuous implementation of behavioural change programs throughout the company. A recent refurbishment of the office has enabled us to better zone lighting and to turn off lights in offices that are not being used. We have already started a program to ensure staff turn off lighting in areas when they go home in the evening and to turn off lights in meeting rooms and offices that are not being used.
- Spatial Vision is currently purchasing 100% GreenPower for their tenancy electricity and will continue to do so into the future.
- Spatial Vision will aim to promote active transport and encourage more ride share to reduce staff commuting emissions by 10% by 2030.
- Overall, Spatial Vision will seek to reduce overall emissions by 10% by 2030 from our 2021 base year.

Additionally, the audit of our emissions identified two main sources that are responsible for almost 60% of our current emissions:

- ICT Services and Equipment (23% in CY2021, 31% in CY2022 and 42% in CY2023). While there was a substantial reduction in the quantity of CO2 emissions a reduced reliance on Amazon Web Services in CY2023 the total emissions from this source formed a larger percentage of our total emissions.
- Air Travel (10% in CY2022 and 18% CY2023) This included an increase in volume as well as percentage of emissions.

#### ICT Services

One area that will currently be hard to reduce will be our reliance on external ICT service providers. This reliance will ebb and flow due to project-based factors. As an organisation focused on growth, our overall reliance on remote providers is likely to increase rather than reduce. In the course of our GHG audit we attempted to get information from our ICT providers on energy consumption associated with the services provided, without success. We will continue to poll our service providers for them to provide more information about the amount of GHG their services produce.

One of our main suppliers of ICT services is Amazon Web Services (AWS). The AWS website indicates that they intend to be operating with 100% renewable energy by 2025

(<https://sustainability.aboutamazon.com/environment/the-cloud?energyType=true> ).



## **Travel Air**

When booking flights Spatial Vision has not been consistently purchasing carbon offsets when we book flights. As the majority of our flights are domestic carriers we have the option to purchase carbon offsets when we make the booking – in the future administration staff making flight bookings on behalf of other SV staff will be expected to purchase carbon offsets for flights. Staff making bookings on their own behalf will be encouraged to purchase carbon offset options. SV is also considering implementing a policy whereby it is mandatory for all domestic flights purchased to be economy class and preferably with a carrier that is certified as a carbon neutral service with Climate Active.

## **Working from Home**

SV continues to poll staff on their work from home and commuting habits to continue to understand the impact on our business of these factors. As detailed below a detailed staff survey has been undertaken, with analysis of the feedback to assist with initiative planning and further engagement with staff. We are requesting staff spend more time in the office where we can better manage electricity consumption

## **Emissions reduction actions**

In April 2023, Spatial Vision conducted a detailed staff survey with Rewild Agency to gain a further understanding of not only estimated GHG emissions but also:

- Staff commuting habits, including type of transport, distance travelled and key reasons why staff members may choose to drive instead of taking public or active transport options; and
- Staff Working from Home (WFH) sources of energy (e.g. do they purchase Greenpower? Do they use onsite renewables?).

The findings from the above assessment will be used to inform potential reduction initiatives including potentially subsidised public transport, incentives to purchase accredited Greenpower while WFH and other initiatives.

## 5.EMISSIONS SUMMARY

### Emissions over time

Emissions since base year			
		Total tCO <sub>2</sub> -e (without uplift)	Total tCO <sub>2</sub> -e (with uplift)
Base yea/Year 1:	2021	211.16	N/A
Year 2:	2022	245.39	N/A
Year 3:	2023	173.14	173.15

### Significant changes in emissions

Significant changes in emissions			
Emission source	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Reason for change
Computer and technical services	82.28	42.11	Reduced reliance on Amazon Web Services due to completion of large project
Construction Materials and services	69.31	0.79	An office fit-out was completed in CY2022 and emissions sources returned to previous levels in CY2023

### 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	Sum of Scope 1 (t CO <sub>2</sub> -e)	Sum of Scope 2 (t CO <sub>2</sub> -e)	Sum of Scope 3 (t CO <sub>2</sub> -e)	Sum of Total Emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	2.96	2.96
Working From Home (WFH), Coach Travel and Rideshare (GoGet)	0.06	0.00	15.66	15.71
Cleaning and chemicals	0.00	0.00	2.48	2.48
Construction materials and services	0.00	0.00	0.79	0.79
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	4.70	4.70
ICT services and equipment	0.00	0.00	74.35	74.35
Professional services	0.00	0.00	14.21	14.21
Transport (air)	0.00	0.00	31.85	31.85
Transport (land and sea)	0.30	0.00	12.24	12.54
Waste	0.00	0.00	4.21	4.21
Office equipment and supplies	0.00	0.00	9.35	9.35
<b>Total</b>	<b>0.36</b>	<b>0.00</b>	<b>172.79</b>	<b>173.14</b>

## 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 <sub>2</sub> -e
Uplift to account for water supply which was non-quantified due to data being unavailable:	
Assumes an average water consumption of 4.8 litres per day per staff member based on the Green Building Council Australia (GBCA)'s Potable Water Calculator Guide.	
Based on a total FTE headcount of 61 staff working in office an average 2 days a week in CY23 it is assumed an average of 566.4 litres per week. Multiplied by 48 work weeks in a year – the base case average usage would be 27,187.3 litres (27.187 kL).	0.01
Assumes the emission factor for water supply in Victoria is 0.36 kg CO <sub>2</sub> -e/kL.	
Excludes any showers from this uplift factor.	
Resulting calculation is $(27.187\text{KL} * 0.36) / 1000 = 9.82 \text{ kgCO}_2\text{-e}$ (0.01 tCO <sub>2</sub> -e)	
Total of all uplift factors (tCO <sub>2</sub> -e)	0.01
<b>Total emissions footprint to offset (tCO<sub>2</sub>-e)</b> (total emissions from summary table + total of all uplift factors)	<b>173.15</b>

## 6.CARBON OFFSETS

### Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Australian Carbon Credit Units (ACCUs)	174	100%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (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 (%)
Catchment Conservation Alliance – Southern Rivers Initiative Site #3	ACCU	ANREU	17 May 2023	8,356,460,472 – 8,356,460,724	2022-23	-	253	236	0	17	10%
South Australian Conservation Alliance Site #2	ACCU	ANREU	29 April 2024	<u>8,995,485,862 – 8,995,486,018</u>	2023-24	-	157	0	0	157	90%
Total eligible offsets retired and used for this report										174	
Total eligible offsets retired this report and banked for use in future reports									0		

## Co-benefits

The selected project we purchased offsets from for our CY2023 Climate Active certification includes the following co-benefits:

- Removal of feral animal populations from areas of conservation significance
- Improved habitat for threatened and endangered species
- Project engagement with Traditional Owners, leading to improved access to Country and financial stability
- Protecting of cultural assets
- Regenerating and conserving native habitat and species

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A.

# APPENDIX A: ADDITIONAL INFORMATION

Transaction ID	AU27358
Current Status	Completed (4)
Status Date	17/05/2023 16:34:20 (AEST) 17/05/2023 06:34:20 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Wragg, Benjamin James
Transaction Approver	Donegan, Steven Michael
Comment	These units are retired by GreenCollar on behalf of Spatial Vision Innovations Pty Ltd for their CY2022 Climate Active certification.

Transferring Account		Acquiring Account	
Account Number	AU-1117	Account Number	AU-1068
Account Name	Terra Carbon Pty Ltd	Account Name	Australia Voluntary Cancellation Account
Account Holder	Terra Carbon Pty Limited	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			<a href="#">ERF111058</a>					2022-23		8,356,460,472 - 8,356,460,724	253

## Transaction Details

Transaction details appear below.

Transaction ID	AU33398
Current Status	Completed (4)
Status Date	29/04/2024 14:45:34 (AEST) 29/04/2024 04:45:34 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Wragg, Benjamin James
Transaction Approver	Allen, Jessica Amanda
Comment	These units are retired by GreenCollar on behalf of Spatial Vision Innovations Pty Ltd for their CY2023 Climate Active certification.

Transferring Account		Acquiring Account	
Account Number	AU-1117	Account Number	AU-1068
Account Name	Terra Carbon Pty Ltd	Account Name	Australia Voluntary Cancellation Account
Account Holder	Terra Carbon Pty Limited	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			<a href="#">ERF129532</a>					2023-24		8,995,485,862 - 8,995,486,018	157

## Transaction Status History

Status Date	Status Code
29/04/2024 14:45:34 (AEST) 29/04/2024 04:45:34 (GMT)	Completed (4)
29/04/2024 14:45:32 (AEST) 29/04/2024 04:45:32 (GMT)	Proposed (1)
29/04/2024 14:45:29 (AEST) 29/04/2024 04:45:29 (GMT)	Account Holder Approved (97)
29/04/2024 12:54:30 (AEST) 29/04/2024 02:54:30 (GMT)	Awaiting Account Holder Approval (95)

Disclaimer

## 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 <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)	0	0	0%
GreenPower	54,602	0	100%
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)	10,265	0	19%
Residual Electricity	-10,265	-9,803	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>64,867</b>	<b>0</b>	<b>119%</b>
<b>Total grid electricity</b>	<b>54,602</b>	<b>0</b>	<b>119%</b>
<b>Total electricity (grid + non grid)</b>	<b>54,602</b>	<b>0</b>	<b>119%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>-10,265</b>	<b>-9,803</b>	
Scope 2	-9,065	-8,657	
Scope 3 (includes T&D emissions from consumption under operational control)	-1,200	-1,146	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	.

<b>Total renewables (grid and non-grid)</b>	<b>118.80%</b>
<b>Mandatory</b>	<b>18.80%</b>
<b>Voluntary</b>	<b>100.00%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>-8.66</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>-1.15</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.00</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.00</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>0.00</b>
<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) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	54,602	54,602	46,412	3,822	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
<b>Grid electricity (scope 2 and 3)</b>	<b>54,602</b>	<b>54,602</b>	<b>46,412</b>	<b>3,822</b>	<b>0</b>	<b>0</b>
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		
<b>Non-grid electricity (behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>54,602</b>					

<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>46.41</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>3.82</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>46.41</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>3.82</b>
<b>Total emissions liability</b>	<b>50.23</b>

Operations in Climate Active buildings and precincts

N/A

Climate Active carbon neutral electricity products

N/A

## 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
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
N/A	N/A	N/A	N/A	N/A	N/A	N/A



An Australian Government Initiative

