



PUBLIC DISCLOSURE STATEMENT


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

**ORGANISATION
CY2022**

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 2022 – 31 December 2022 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 5/9/2023</p>



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

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Version March 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	245.39 tCO ₂ -e
OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	100%
CARBON ACCOUNT	Prepared by: Rewild Agency
TECHNICAL ASSESSMENT	27/06/2022 Ndevr Environmental Next technical assessment due: CY 2025

Contents

1. Certification summary.....	3
2. Carbon neutral information.....	4
3. Emissions boundary.....	6
4. Emissions reductions	8
5. Emissions summary	11
6. Carbon offsets.....	13
7. Renewable Energy Certificate (REC) Summary	15
Appendix A: Additional Information.....	16
Appendix B: Electricity summary.....	17
Appendix C: Inside emissions boundary	20
Appendix D: Outside emissions boundary	21

2. CARBON NEUTRAL INFORMATION

Description of certification

Spatial Vision Innovations Pty Ltd (ABN 28 092 695 951) is a privately owned Australian company seeking to become a carbon neutral member of the Climate Active program.

The certification outlined in this public disclosure statement covers our operations as an organisation where both businesses are included.

Organisation description

Spatial Vision 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.

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

Business Travel e.g.
Accommodation, Flights,
Taxi's & Hire Cars

Cleaning Services

Electricity

Employee Commuting

Food & Catering

ICT Services & Equipment

Office Equipment & Supplies

Postage, Courier & Freight

Professional Services

Repair & Maintenance

Waste

Water

Working from Home

Non-quantified

N/A

Optionally included

Construction Materials & Services

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 50% of our current emissions:

- ICT Services and Equipment (23% in CY2021 and 31% in CY2022)
- Working from Home (17% in CY2021 and CY2022)

Of the two, working from home will be the easiest to address and has the additional benefit of encouraging staff participation in SV's strategies to reduce our GHG emissions.

Working from Home

As a first step SV will try to get a better understanding of staff work-from-home habits. As an organisation SV operates in a hybrid office/home environment so while we can manage the consumption of electricity within the office we need to get a better understanding of how energy is being used within the home. The original survey undertaken did not provide detailed information about home energy usage so the first step will be to undertake a follow up survey which will attempt to get additional information to fine tune our understanding of home energy use. This will provide us with more granular metrics about the contribution that WFH makes to total organisational energy consumption. We are planning to run this detailed survey and a corresponding staff presentation in Q3/Q4 of 2023

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.

Spatial Vision is committed to providing a cleaner and safer world where our operations are part of the solution rather than contributing to the problem of a warming planet.

Emissions reduction actions

Office Refurbishment

The main emission reduction action that took place was that the office refurbishment although it produced a surge in our greenhouse gas emissions had the positive impact of allowing us to better manage lighting zones in the office. All individual staff offices now have their own light switch and it is much easier to manage electricity consumption within our office.

Purchasing GreenPower

In contrast to CY2021, in CY2022 Spatial Vision purchased 100% GreenPower, which saw a substantial reduction in our GHG emissions (a 100% decrease in scope 2 emissions or a reduction of 31.20 tCO₂-e).

Working from Home

The year 2022 also saw continued working from home with most staff working at least two days from home and many working four days from home. This reduces our emissions due to commuting but the company has less visibility on power, water and waste use within the home. The company did undertake a survey where we asked staff whether they were using GreenPower at home. Of the 43 survey respondents in 2022 (about two-thirds of the company) 50% indicated that they were purchasing electricity from a green

energy provider and of the group purchasing green energy, a third were purchasing 100% GreenPower and a further third was purchasing 50% 'green energy'.

We will continue to monitor our staff working from home and the take-up of renewable energy within the home.

Data management

In early 2023, we purchased a license with Impact Sustainability to help improve the management and visibility of our GHG emissions and we plan to use this platform to assist with ongoing tracking and reporting under Climate Active on an annual basis.

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	211.16	N/A
Year 2:	2022	245.39	N/A

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
Construction Materials and Services	1.05	69.31	An office fit-out was completed in CY2022, so this is a new emissions source that previously did not exist (and will not occur again in CY2023).
ICT Services and Equipment	51.08	82.28	A large portion of these emissions come from our cost of good sold, and as a result of these costs/services increasing in CY2022 – so did these emissions.
Working from home	38.25	26.91	Due to more detailed data on staff GreenPower usage and an update to total weekly FTE work hours.

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 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	1.48	1.48
Cleaning and Chemicals	0.00	0.00	2.44	2.44
Construction Materials and Services	0.00	0.00	69.31	69.31
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	6.61	6.61
ICT services and equipment	0.00	0.00	82.28	82.28
Office equipment & supplies	0.00	0.00	0.27	0.27
Professional Services	0.00	0.00	24.31	24.31
Transport (Air)	0.00	0.00	23.86	23.86
Transport (Land and Sea)	0.00	0.00	4.86	4.86
Waste	0.00	0.00	2.77	2.77
Water	0.00	0.00	0.26	0.26
Working from home	0.00	0.00	26.92	26.92
Total	0.00	0.00	245.39	245.39

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 245.39 t CO₂-e. The total number of eligible offsets used in this report is 246. Of the total eligible offsets used, 10 were previously banked and 236 were newly purchased and retired. 17 are remaining and have been banked for future use.

Co-benefits

The selected project we purchased offsets from for our CY2022 Climate Active certification includes the following co-benefits:

- Regeneration of degraded land.
- Protection of regenerated vegetation for up to 100 years.
- Improved biodiversity through regeneration of habitat for native flora and fauna species including budgies, brolgas, mulga parrots, emus, goannas and pythons.
- Farming infrastructure investment.
- Improved business sustainability and drought resilience.
- Financial security.

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 (%)
Savannah Burning Raak Nguunge Project, QLD	KACCUs	ANREU	29 August 2022	8,344,034,535 – 8,344,034,756	2021-22	0	222	212	0	10	4%
Catchment Conservation Alliance – Southern Rivers Initiative Site #3	KACCUs	ANREU	17 May 2023	8,356,460,472 – 8,356,460,724	2022-23	0	253	0	17	236	96%
Total eligible offsets retired and used for this report										246	
Total eligible offsets retired this report and banked for use in future reports									17		
	Type of offset units			Eligible quantity (used for this reporting period)				Percentage of total			
	Australian Carbon Credit Units (ACCUs)			246				100%			

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Transaction ID	AU23678
Current Status	Completed (4)
Status Date	29/08/2022 20:56:08 (AEST) 29/08/2022 10:56:08 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Stuart, Benjamin Mathew Clarke
Transaction Approver	Rockliff, Nathan Stephen
Comment	Cancelled on behalf of Spatial Vision for its Climate Active Organisational certification in FY21

Transferring Account		Acquiring Account	
Account Number	AU-2321	Account Number	AU-1068
Account Name	Carbon Financial Services Pty. Ltd.	Account Name	Australia Voluntary Cancellation Account
Account Holder	Carbon Financial Services Pty. Ltd.	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			ERF100813					2021-22		8,344,034,535 - 8,344,034,756	222

Transaction Status History												
Status Date										Status Code		
29/08/2022 20:56:08 (AEST)										Completed (4)		
29/08/2022 10:56:08 (GMT)										Proposed (1)		
29/08/2022 20:56:08 (AEST)										Account Holder Approved (97)		
29/08/2022 10:56:08 (GMT)										Awaiting Account Holder Approval (95)		
29/08/2022 20:56:07 (AEST)												
29/08/2022 10:56:07 (GMT)												
29/08/2022 20:48:53 (AEST)												
29/08/2022 10:48:53 (GMT)												

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			ERF111058					2022-23		8,356,460,472 - 8,356,460,724	253

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)	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)	53,964	0	100%
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)	0	0	0%
Residual Electricity	0	0	0%
Total renewable electricity (grid + non grid)	53,964	0	100%

Total grid electricity	53,964	0	100%
Total electricity (grid + non grid)	53,964	0	100%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	0	0	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	100.00%
Mandatory	100.00%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO2-e)	0.00
Residual scope 3 emissions (t CO2-e)	0.00
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.00
Total emissions liability (t CO2-e)	0.00

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 CO2-e)	Scope 3 Emissions (kg CO2-e)	(kWh)	Scope 3 Emissions (kg CO2-e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	53,964	53,964	45,869	3,777	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)	53,964	53,964	45,869	3,777	0	0
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)	53,964				

Residual scope 2 emissions (t CO2-e)	45.87
Residual scope 3 emissions (t CO2-e)	3.78
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.00
Total emissions liability (t CO2-e)	0.00

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO2-e)
100% GreenPower is purchased through Powershop	53,964	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.

Relevant non-quantified emission sources	Justification reason
N/A	N/A

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	NA	NA	NA	NA	NA	NA



An Australian Government Initiative

