



PUBLIC DISCLOSURE STATEMENT

DJAS ARCHITECTURE PTY LTD.

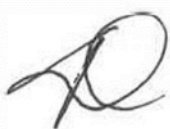
**ORGANISATION CERTIFICATION
CY2021**

Australian Government

Climate Active Public Disclosure Statement

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Daryl Jackson
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NAME OF CERTIFIED ENTITY	DJAS Architecture Pty Ltd.
REPORTING PERIOD	Calendar year 1 January 2021– 31 December 2021
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>Name of signatory – Kylie Ochsenbein Position of signatory – Chief Operating Officer Date – 7th March 2023</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	50 tCO ₂ -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	100%
TECHNICAL ASSESSMENT	N/A, small organisation

Contents

1. Certification summary	3
2. Carbon neutral information	4
3. Emissions boundary	6
4. Emissions reductions.....	8
5. Emissions summary	9
6. Carbon offsets	11
7. Renewable Energy Certificate (REC) Summary	13
Appendix A: Additional Information	14
Appendix B: Electricity summary	15
Appendix C: Inside emissions boundary	17
Appendix D: Outside emissions boundary	18

2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the calendar year from 1 January 2021 to 31 December 2021 and covers the operations of DJAS Architecture Pty Limited (ABN: 83 008 620 504) for the purpose of carbon neutral small organisation.

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:

- 49 Jardine Street, Kingston 2604 ACT
- Shared office space at 310 Edward Street, Brisbane 4000 QLD

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

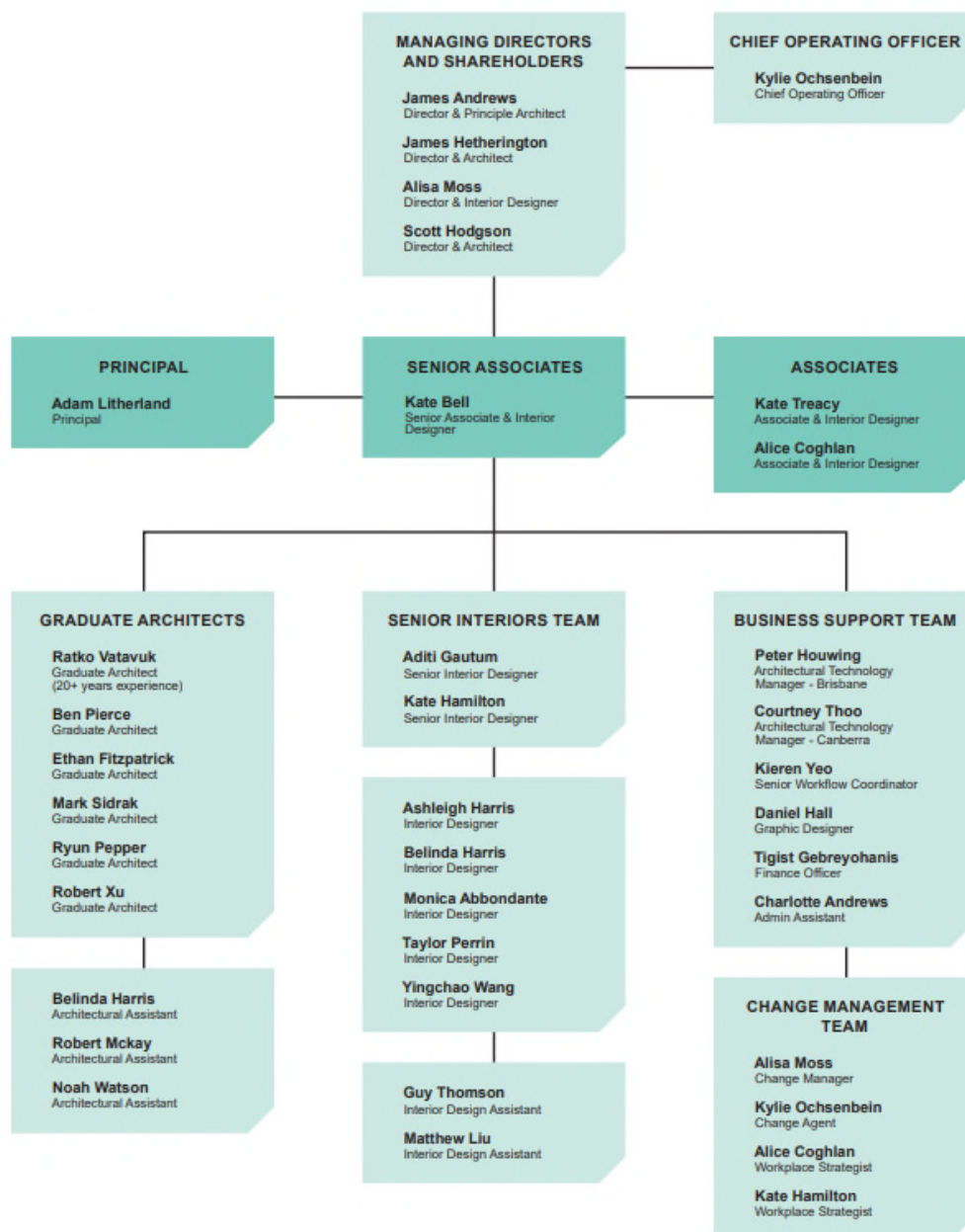
Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

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).

"Being carbon neutral continues DJAS' role as leader in environmental design. It also assists in guiding our clients through the process of improving their environmental and carbon footprint through our design expertise."

Organisation description

DJAS Architecture Pty Ltd is a leading design practice with design studios in Canberra and Brisbane. DJAS Architecture Pty Ltd was established by Daryl Jackson and Alastair Swain in the 1980's, and we have been integral to the development of Canberra's urban footprint. During that time, we have gained a reputation for high quality design-based architecture due to our ability to synthesise the conflicting demands of creativity, planning, collaboration, cost effectiveness, and quality design.



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		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Electricity	Refrigerants	N/A
Telecommunications		
Water		
Coworking desk		
IT Equipment		
Paper		
Carbon Neutral Paper		
Printing & Stationery		
Office Equipment		
Office Furniture		
Employee Commute		
Working From Home		
Business Flights		
Transport fuel		
Cleaning Services		
Food & Catering		
Postage & Couriers		
Domestic Hotel Accommodation		
Taxi & Ridesharing		
Waste – Landfill & Recycling		
	<u>Optionally included</u>	
	N/A	

Data management plan for non-quantified sources

Refrigerants have been non-quantified as they have been estimated to be immaterial.

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Our aim will be to continuously and consistently reduce our emissions by at least 20% each year and renew our Carbon Neutral status annually, and continuously over at least the next 5 years. This plan will be executed by

- Providing leadership and establishing expectations with our partners, consultants, and suppliers to encourage sustainable change within the industry. This communication will take place on a quarterly basis, with a view to transitioning at least 50% of our products to sustainable options over the next 3 years.
- Establishing an Environmental Committee in 2022 who engage with climate active initiatives and provide leadership, education and engagement activities for staff and contractors, to minimise their impacts both at work and at home. This committee will report to the business on a quarterly basis and make recommendations to reduce emissions and contribute to the annual reduction 20% target.
- Interlocking our emissions reduction strategy with our QA and management procedures to ensure implementation and commitment on every level and stages of our projects. This means that we will audit our emissions strategy at least bi-annually, in line with our QA and QMS audits. Our aim is to ensure that our policy and process contribute to the annual 20% reduction.
- Working with our clients to encourage sustainable design and build solutions. This means we will actively prefer to work with suppliers who deliver products and services with emissions reduction strategies. We aim to increase the number of Climate Active certified suppliers and partners to at least 50% in the next 12 months.

Emissions reduction actions

DJAS Architecture Pty Ltd undertook the following actions in reduce emissions:

- Adopted a paperlite internal approach to printing and documentation
- Have embarked on a 12-month project to move all operations to the cloud, which will allow all documentation to be available anywhere, anytime on any device, reducing the need for printing.
- We have invested time and effort into establishing digital libraries and do not accept 'gifts or collateral that will end up in landfill.
- We have removed the requirement for printed business cards and have moved to a digital option.
- We are opting to re-use/repurpose furniture or are accepting 'end of line' options for internal DJAS Architecture Pty Ltd office fit outs.
- We encourage working from home and have established principles to guide and support the team. This reduces travel and energy emissions.
- We have minimised flights/business travel/transport and carry our most of our meetings via video conferencing.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2019	166.94
Year 1:	2020	68.69
Year 2:	2021	49.4

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Coworking Space	3.928	1.9	FTE increase from two to five people.
Food & catering	5.764	2.8	FTE increase from two to five people.
Transport (Air)	3.779	0.8	Increase in travel between CBR and BNE.
Petrol: Medium Car	6.048	9.9	Increase in travel between CBR and BNE.
Petrol: Small Car	4.333	1.4	Increase in travel between CBR and BNE.

Use of Climate Active carbon neutral products and services

DJAS Architecture Pty Ltd purchased carbon neutral Reflex paper in CY2021.

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 Scope 1 (tCO ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0.00	0.00	0.61	0.612
Cleaning and Chemicals	0.00	0.00	2.39	2.389
Climate Active Carbon Neutral Products and Services	0.00	0.00	0.00	0.000
Electricity	0.00	0.00	0.00	0.000
Food	0.00	0.00	5.76	5.764
ICT services and equipment	0.00	0.00	3.33	3.332
Office equipment & supplies	0.00	0.00	4.87	4.868
Postage, courier and freight	0.00	0.00	0.13	0.135
Transport (Air)	0.00	0.00	4.94	4.939
Transport (Land and Sea)	0.6261	0.0000	12.4333	13.059
Waste	0.00	0.00	7.24	7.240
Water	0.00	0.00	0.16	0.155
Working from home	0.00	0.00	0.38	0.379
Coworking Space	0.00	0.00	3.93	3.928
Transport (Land and Sea) (\$)	0.00	0.00	0.25	0.252
Total	0.63	0.00	46.43	47.052

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 ₂ -e
Compulsory additional 5% of the total to be added for small organisations	2.35
Total of all uplift factors	
Total footprint to offset (total net emissions from summary table + total uplifts)	49.40

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	50
3. Total eligible offsets required for this report	50
4. Total eligible offsets purchased and retired for this report	50
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

Midilli Hydroelectric Power Plant

The Project Activity (PA) utilizes the Yeşilırmak waters in a diversion-type run-of-river hydro power scheme to generate electricity with zero carbon emissions for the Turkish Power Grid. With regards to 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.

GreenFleet

DJAS Architecture Pty Ltd has also purchased an additional 50 tonnes of biodiversity offsets through Greenfleet. Greenfleet is a leading Australian not-for-profit environmental organisation on a mission to protect our climate by restoring forests. Greenfleet forests address critical deforestation, restore habitat for wildlife including many endangered species, capture carbon emissions to protect our climate, reduce soil erosion, improve water quality, and economically support local and indigenous communities.

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 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 in Turkey stapled with GreenFleet donation.	VCUs	Verra	27 th October 2022	12430-410529979-410530028-VCS-VCU-290-VER-TR-1-1330-01012015-31122015-0	2015	50	50	0	0	50	100%
Total offsets retired this report and used in this report										50	
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 Carbon Units (VCUs)			50				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.

1. Large-scale Generation certificates (LGCs)*	0
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
N/A									
Total LGCs surrendered this report and used in this report									

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 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)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	73,740	0	81%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	16,783	0	19%
Large Scale Renewable Energy Target (applied to grid electricity only)	0	0	0%
Residual Electricity	0	0	0%
Total grid electricity	90,523	0	100%
Total Electricity Consumed (grid + non grid)	90,523	0	100%
Electricity renewables	90,523	0	
Residual Electricity	0	0	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		0	
Total renewables (grid and non-grid)	100.00%		
Mandatory	100.00%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	0		

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

Voluntary includes LGCs retired by the ACT (MWh) 73

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	90,523	70,608	6,337
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
Grid electricity (scope 2 and 3)	90,523	70,608	6,337
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
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	90,523	70,608	6,337

Emission Footprint (TCO₂e)	77
<i>Scope 2 Emissions (TCO₂e)</i>	71
<i>Scope 3 Emissions (TCO₂e)</i>	6

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
N/A	0	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
Refrigerants	Yes	No	No	No

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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



An Australian Government Initiative

