



PUBLIC DISCLOSURE STATEMENT

A & CO PTY LTD

**ORGANISATION CERTIFICATION
FY2020–21**

Australian Government

Climate Active Public Disclosure Statement

ALEXANDER & CO.



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	A & Co Pty Ltd, trading as Alexander & Co Pty Ltd
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021 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><i>Georgie McGillivray</i></p> <p>Georgie McGillivray Practice Manager Date 19.07.22</p>



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

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Version September 2021. To be used for FY20/21 reporting onwards.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	118 tCO ₂ -e
OFFSETS BOUGHT	100% CERs
RENEWABLE ELECTRICITY	84.13%
TECHNICAL ASSESSMENT	N/A – small organization pathway
THIRD PARTY VALIDATION	Date 24.06.2022 Name Alexander Stathakis Organisation Conversio Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021 and covers the Australian business operations of Alexander & Co Pty Ltd, ABN: 11 162 041 929.

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:

- Alexander House, 63 Brisbane St, Bondi Junction, 2022 NSW

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- 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) as specified in the 2014 IPCC Assessment Report 5 with a 100-year horizon.

Organisation description

A&CO Pty Ltd (ABN: 11 162 041 929) is an architecture and design practice with 20-30 employees based in Bondi Junction, Sydney.

“Aligning and being involved with Climate Active is a tangible initiative as a business, of our collective effort to measure, reduce, and offset carbon emissions to lessen our negative impact on the environment”

3. EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary. Emission sources can be excluded if they do not occur.

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>
Accommodation and facilities	N/A	N/A
Business flights		
Taxi and ridesharing		
Cleaning supplies and services		
Maintenance and repair services		
Food and catering		
Landscaping supplies		
ICT services and equipment		
Employee commute		
Working from home		
Office equipment		
Printing and stationery		
Storage services		
Professional services		
Refrigerants		
Waste		

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

Alexander & Co have recognised the importance of reducing operational emissions and will continue to seek further reductions where possible.

We have minimal Scope 2 emissions because we generate most of our electricity needs by solar panels and, since half of FY21, procure the remaining through green power and carbon neutral electricity. We commit to continue having zero emissions for all our energy requirements in the future.

Over the next 5 years, we will develop the following initiatives within our emissions reduction strategy to reduce scope 3 emissions, which conform more than 98% of our carbon footprint:

- Maintain paper use at a minimum through digital software alternatives.
- Educate staff to have a more energy efficient behaviour.
- Use Carbon Neutral paper for essential paper needs.
- Commit to procure Carbon Neutral Certified products and professional services where possible.
- Use a website hosting provider committed to green web hosting.
- Increase our recycling to incorporate soft plastics and electronic waste.
- Repurpose outdated electronic devices for the community.
- Initiate an environmentally focused procurement process for carbon neutral providers for future food and catering needs.
- Keep business travel at a minimum through encouraging videoconferencing when practical.

These will be assessed on an annual basis at the end of every financial year to determine their efficacy and strengthen their approach or ambition.

With this strategy in place, Alexander & Co commits to reduce emissions across scopes 1, 2, and 3 by 30% by FY30-31 from a FY20-21 base year.

To support our company's commitment to the national reconciliation movement, we are in consultation with Susan Moylan Combes, Founding Director of the Gaimaragal Group who established the organisation to create a new story of connection and wellbeing for all Australians.

We will be engaging our team in a series of 'Cultural Conversations and Immersion' days with Susan to open the conversation about reconciliation, our history and culture and to engage our team in a series of discussions with the opportunity to frame/reframe what we know from a cultural context.

5. EMISSIONS SUMMARY

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	0.29	0.29
Cleaning and chemicals	0.00	0.00	1.26	1.26
Construction materials and services	0.00	0.00	0.26	0.26
Electricity	0.00	2.06	0.00	2.06
Food	0.00	0.00	14.25	14.25
Horticulture and agriculture	0.00	0.00	0.09	0.09
ICT services and equipment	0.00	0.00	25.55	25.55
Office equipment & supplies	0.00	0.00	18.29	18.29
Postage, courier and freight	0.00	0.00	2.27	2.27
Professional services	0.00	0.00	33.38	33.38
Refrigerants	0.00	0.00	0.94	0.94
Transport (air)	0.00	0.00	3.57	3.57
Transport (land and sea)	1.67	0.00	2.59	4.26
Waste	0.00	0.00	4.82	4.82
Working from home	0.00	0.00	0.43	0.43
Total	1.67	2.06	107.99	111.72

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	5.59
Total footprint to offset (uplift factors + net emissions)	117.31

6. CARBON OFFSETS

Offsets retirement approach

Offset purchasing strategy: In arrears	
1. Total emissions footprint to offset for this report (tCO ₂ -e)	118
2. Total eligible offsets purchased and retired for this report	118
3. Total eligible offsets banked to use toward next year's report	0

Co-benefits

Yarra Yarra Biodiversity Corridor, Western Australia

The Yarra Yarra Biodiversity Corridor is a multi-species native reforestation project located in Southwest Australia – one of only 35 internationally recognised global biodiversity hotspots. These are regions that have an exceptionally high number of plant and animal species that don't occur anywhere else and account for 90% of all species on Earth. The project is established on degraded, semi-arid agricultural land that no longer supported viable farming practices. More than 50 native tree and shrub species endemic to the region are planted and are protected with 100-year carbon rights and carbon covenants registered on the land titles.

Co-benefits:

- 1) Increased wildlife habitat and connectivity
- 2) Employment for local indigenous peoples and liaison with traditional owners
- 3) Carbon sequestration
- 4) Improved soil and water erosion control
- 5) Creating new industry in rural areas and expenditure with local businesses
- 6) Recognition of Aboriginal heritage sites recognised with the Department of Indigenous Affairs Registry
- 7) Opportunities for scientific research, eco-tourism and community engagement

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 (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 (%)
52.50MW Wind energy farm at Mokla Rajasthan by HZL <i>Stapled to</i>	CER	ANREU	15/02/2022	256,204,180 - 256,204,294	CP2	-	115	0	0	115	97.46%
Yarra Yarra Biodiversity Corridor, WA	PER	GSR	14/02/2022	GS1-1-AU-GS3039-21-2019-5301-37402-37516	2019	115	-	-	-	-	-
52.50MW Wind energy farm at Mokla Rajasthan by HZL <i>Stapled to</i>	CER	ANREU	13/07//2022	256,204,295 - 256,204,297	CP2	-	3	0	0	3	2.54%
Yarra Yarra Biodiversity Corridor, WA	PER	GSR	14/02/2022	GS1-1-AU-GS3039-21-2021-21745-9926-9928	2021	3	-	-	-	-	-
Total offsets retired this report and used in this report										118	
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
Certified Emission Reductions (CERs)	118	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

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	4,970	0	36%
Total non-grid electricity	4,970	0	36%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	4,979	0	36%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	1,671	0	12%
Residual electricity	2,181	2,341	0%
Total grid electricity	8,831	2,341	48%
Total electricity consumed (grid + non grid)	13,801	2,341	84%
Electricity renewables	11,620	0	
Residual electricity	2,181	2,341	
Exported on-site generated electricity	360	-281	
Emission Footprint (kgCO ₂ -e)		2,060	

Total renewables (grid and non-grid)	84.19%
Mandatory	12.11%
Voluntary	36.07%
Behind the meter	36.01%
Residual electricity emissions footprint (tCO₂-e)	2
<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)	Emissions (kgCO ₂ -e)
NSW	8,831	7,948
Grid electricity (scope 2 and 3)	8,831	7,948
NSW	4,970	0
Non-grid electricity (Behind the meter)	4,970	0
Total electricity consumed	13,801	7,948
Emissions footprint (tCO₂-e)	8	

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
AGL carbon neutral electricity product	4,971	0

Note 1 - Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral product certification.

Note 2 – However, 99.99% of the total reported carbon neutral electricity was also purchased as renewable electricity via Greenpower.

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
None				

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



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