



PUBLIC DISCLOSURE STATEMENT

SAM CRAWFORD ARCHITECTS

**ORGANISATION
2019-20**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Elemental Architecture Pty Ltd trading as Sam Crawford Architects

REPORTING PERIOD: 1 July 2019 – 30 June 2020

Declaration

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.

Signature

Date

4 November, 2020

Name of Signatory

Sam Crawford

Position of Signatory

Director



Australian Government
Department of Industry, Science,
Energy and Resources

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1. CARBON NEUTRAL INFORMATION

Description of certification

This certification covers the operation of Elemental Architecture Pty Ltd trading as Sam Crawford Architects in Sydney.

Organisation description

Established in 1999, Sam Crawford Architects (SCA) is an experienced and innovative architectural practice based in the inner-west of Sydney, NSW.

We specialise in public, cultural and residential projects, and seek out creative opportunities for architecture in projects of all scales and budgets.

Our work has been widely published, nationally and internationally, and has been recognised by numerous Local, State and National awards.

The work of SCA reflects our passion, sensibility and experience in delivering environmentally and socially responsible architecture.

“Being Carbon Neutral is critical to the future of humanity. Transparency encourages others follow. That is why Climate Active matters to Sam Crawford Architects”

2. EMISSION BOUNDARY

Diagram of the certification boundary

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary.



Non-quantified sources

Emissions from office furniture, water and refrigerants were considered immaterial. Emissions associated with working from home, advertising, photography, website maintenance, water and taxis were considered small, but an uplift was applied. Details can be found in Appendix 2.

Data management plan

n/a

Excluded sources (outside of certification boundary)

n/a

3. EMISSIONS SUMMARY

Emissions reduction strategy

Sam Crawford Architect's emissions reduction strategy involves:

- Measuring and reporting on our energy consumption and carbon footprint annually.
- Generating and utilising solar energy throughout the day.
- Moving toward a paperless office through increased use of digital mark-up programs.
- Encouraging staff to adopt more sustainable approaches, such as reducing work travel and improving waste disposal habits.
- Promoting our commitments to our clients, consultants and suppliers to encourage broader support for sustainable change within our industry.

Emissions summary (inventory)

Table 1

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	0.066
Air Transport (km)	2.185
Cleaning and Chemicals	1.096
Electricity	6.166
Food	6.890
ICT services and equipment	7.659
Land and Sea Transport (fuel)	2.075
Land and Sea Transport (km)	3.502
Office equipment & supplies	0.664
Waste	1.128
<i>Total Net Emissions</i>	31.430

Uplift factors

Table 2

Reason for uplift factor	tonnes CO ₂ -e
Compulsory 5% for small organisations	1.572
Additional business services	2.838
<i>Total footprint to offset (uplift factors + net emissions)</i>	35.839

Carbon neutral products

n/a

Electricity summary

Electricity was calculated using a Location-based approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting with a view to finalising a policy decision for the carbon neutral certification by July 2020. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures has been provided for full disclosure and to ensure year on year comparisons can be made.

Market-based approach electricity summary

Table 3

Electricity inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	8,981	0.000
Electricity Carbon Neutral Power	0	0.000
Electricity Remaining	5,577	6.029
Renewable electricity percentage	62%	
<i>Net emissions (Market based approach)</i>		<i>6.029</i>

Location-based summary

Table 4

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
ACT/NSW	Electricity Renewables	7,707	-0.90	-6.936
ACT/NSW	Electricity Carbon Neutral Power	-	-0.90	0.000
ACT/NSW	Netted off (exported on-site generation)	-	-0.81	0.000
ACT/NSW	Electricity Total	14,558	0.90	13.102
	<i>Total net electricity emissions (Location based)</i>		<i>0.00</i>	<i>6.166</i>

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

Offsets summary

Table 5

1. Total offsets required for this report				36					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				36					
Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity to be banked for future years	Quantity to be used this report
Tiwi Islands Savannah Burning for Greenhouse Gas Abatement (ERF 105045)	ACCUs	ANREU	5 November 2020	3,772,966,779-3,772,966,814	2018-19	36			36
<i>Total offsets retired this report and used in this report</i>									36
<i>Total offsets retired this report and banked for future reports</i>									0

Co-benefits

Tiwi Islands, NT, Aboriginal Savanna Burning Project

Examples of environmental, social and cultural core benefits are:

- Elders sharing traditional ecological knowledge with young people;
- Protection of rock art and sacred sites;
- Protection of the environment by Aboriginal led land and sea management;
- Meaningful employment aligning with the interests and values of Traditional Owners; and
- Contribution to increased pride and self- esteem of Aboriginal people.

5. USE OF TRADE MARK

Table 6

Description where trademark used	Logo type
Printed and digital marketing material, such as company brochures and website	Certified organisation

6. ADDITIONAL INFORMATION

APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 7

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>
n/a	n/a	n/a	n/a	n/a	n/a

APPENDIX 2

Non-quantified emissions for organisations

Please advise which of the reasons applies to each of your non-quantified emissions. You may add rows if required.

Table 8

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>
Office furniture	Yes	No	No	No
Water	Yes	No	No	No
Refrigerants	Yes	No	No	No
Working from home	No	Yes	No	No
Advertising	No	Yes	No	No
Photography	No	Yes	No	No
Website	No	Yes	No	No
Water Taxi	No	Yes	No	No