

PUBLIC DISCLOSURE STATEMENT

KERSTIN THOMPSON ARCHITECTS PTY LTD

ORGANISATION CERTIFICATION

CY2022

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Kerstin Thompson Architects Pty Ltd
REPORTING PERIOD	Calendar year 1 January 2022 – 31 December 2022
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>Kerstin Thompson Principal 10.11.2023</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	83.75 tCO ₂ -e
OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	0%
CARBON ACCOUNT	Prepared by: Organisation
TECHNICAL ASSESSMENT	Date: 3 December 2021 Name: Katherine Simmons Organisation: KREA Consulting Pty Ltd Next technical assessment due: 2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Climate Active Carbon Neutral certification covers the business operations of Kerstin Thompson Architects Pty Ltd (KTA), ABN 31 067 225 487. The operational boundary of the carbon account has been defined based on the operational control approach. This Public Disclosure Statement represents the reporting period 1 January 2022 to 31 December 2022 (CY2022).

Organisation description

Kerstin Thompson Architects is a multi-award-winning architecture practice, founded by Kerstin Thompson in 1994 in Melbourne, Australia. The practice is well established as a significant and innovative reference point in Australian architecture and urban design. Known for astute design thinking, KTA designs creative, meaningful and site-responsive architecture that seamlessly combines form, interior and landscape to create coherent and compelling places. We like to think of our projects as portraits; unique and particular to the clients, environments and purpose at hand, with a focus on an enjoyment of place, sustainability and integration with landscape and community.

The practice focus is on architecture as a civic endeavour; buildings that forge connections with their surroundings and the people who inhabit them. Design is necessarily integrated, multi-disciplinary and based on intensive collaboration between client, consultants and contractors.

KTA strives to achieve the highest possible sustainable design outcomes for all of our projects. These should be commensurate with each project's particular needs, users and aspirations. We seek to ensure that the fundamentals of sustainable design are built into the DNA of each building, as part of our commitment to 'getting the bones right' from the beginning.

KTA is a founding signatory of Architects' Declare. We are deeply committed to reducing our own environmental impact as well as that of the buildings we design. We believe that leading by example is an essential component of advocating for better environmental performance within the industry and within Australian society.

KTA consists of one office only and currently employs 44 staff (42 FTE) who are all office based. KTA operate under ABN 31 067 225 487 with trading name Kerstin Thompson Architects. There are no other ABNs or child companies associated with this certification. KTA is located at 6 Lothian Street, North Melbourne.

Legal entity name	ABN	ACN
Kerstin Thompson Architects Pty Ltd	31 067 225 487	

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.

The emission sources in the boundary diagram below are as per the emissions categories in the emission summary table.

KTA do not use any stationary energy and fuels within the organisation.

Inside emissions boundary

Quantified

Accommodation and facilities
Cleaning and Chemicals
Electricity
Food – Food and catering
ICT Services and Equipment
Machinery & Vehicles
Office Equipment and Supplies
Postage, courier and freight
Professional Services
Air Transport
Land and Sea Transport
Waste
Working From Home

Non-quantified

Not applicable

Optionally included

Not applicable

Outside emission boundary

Excluded

Not applicable

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

On-going Efforts

KTA has a series of on-going emissions reductions measures in place, and has undertaken a short-term reduction strategy in the wake of our base year and year-1 assessments. We have implemented a carbon-neutral power purchasing contract, we source all paper from carbon neutral sources, and we support alternative means of transport via central-city premises and on-site cycling and change facilities; only about 5% of our staff relies on private cars for transport.

Our electrical consumption is largely fixed, as it is represented by computer, lighting, and other general office usage; however, all our electricity is purchased from a carbon neutral electricity retailer.

Year on Year Improvements & Setbacks

We have continued to target reductions in ICT equipment emissions, our second-largest category last year. In addition to a 66% reduction in the first year, we've achieved a further 21% in this reporting period. We have also reduced our land transport emissions significantly, in part due to an office relocation to a building close to a major metro train interchange.

However, professional services and office equipment exceeded estimates, and pushed our total emissions over last year's figure. In particular, advertising (from website redesign), legal advice, staff education, and accounting services, all external Scope 3 emissions, significantly increased year-on-year.

Finally, air travel represented a significant increase, as borders opened, and attendance at national and international events was again possible.

Reduction Strategy

In the wake of our base-year analysis, we have put into place several short- and medium-term measures to reduce our carbon emissions.

Our medium-term strategies are comprised of further upgrades to our facilities and operations. In the middle of CY2022, we relocated to new premises. Improvements from this are reflected in this year's land transport data, and we anticipate that further operational savings will be reflected in coming year's assessments.

For example, we are aiming to reduce our electrical consumption by 20%; we have already eliminated gas consumption. We are adding insulation and improved glazing to the building fabric to reduce heating and cooling demand; we have specified efficient mechanical systems with heat recovery ventilation, and we are retrofitting LED lamps into existing light fixtures.

We are also future-proofing this facility to enable the installation of rooftop PV panels within five years. Through the fit out works we are reinforcing the roof structure to support PV panels and ensuring there is sufficient electrical infrastructure in place. Upon installation of the PV systems, we estimate that our purchased electricity demand will be reduced by 50%.

We are also working to implement several further operational emissions reduction strategies. These relate our largest emissions categories: air & land transport (29% of total CY2022 emissions) and office equipment and supplies (18% of CY2022 emissions).

We plan to undertake regular staff travel surveys to monitor our travel by mode in more detail, in particular with the emergence of air travel as a significant factor in our emissions this period. We will use this data to monitor and update where required our travel policy, with the goal of reducing our travel-related emissions by 1/3 over 5 years. This will represent a 15% reduction in our total footprint.

We also intend to track and stabilize our office equipment and in particular furniture purchasing, with an effort to reuse existing furniture wherever possible, and purchase recycled equipment where required.

Taken together, these emissions reductions strategies should reduce our emissions footprint to about 55% of our base year total by 2026.

Emissions reduction actions

Our base-year carbon audit determined that our largest emissions categories were ICT services and equipment, transport, professional services, and office equipment. These remain our largest emitters.

From this base year, we sought to reduce our ICT footprint by 25% in the first year; we were able to realise an actual reduction of over 60%. In this period, we report a further year-on-year reduction of 21%.

We have also made a series of decisions around the design and construction of our physical office, as detailed previously. While these are only partially reflected in our CY2022 assessment, they will have a long-term positive influence in our emissions reduction.

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base/year 1:	CY2020	117.471	N/A
Year 2:	CY2021	72.842	N/A
Year 3:	CY2022	83.75	N/A

Significant changes in emissions

Our base-year carbon audit determined that our largest emissions categories were ICT services and equipment, transport, professional services, and office equipment. These remain our largest emitters.

From this base year, we sought to reduce our ICT footprint by 25% in the first year; we were able to realise an actual reduction of over 60%. In this period we report a further reduction of 21%.

Professional services and travel represented significant increases year on year, with a website rebuild requiring major additional expenditure, as well as expanded legal and educational spending.

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
ICT Services & Equipment	21.741	17.200	Careful reuse of existing ICT resources
Professional Services	9.598	19.960	Increase in advertising / web design (up 242%) and legal services (77%)
Transport (Air)	4.113	17.530	Opening of national and international borders led to greater travel demand
Office equipment & supplies	3.727	15.630	Office relocation necessitated office furniture purchases.

Use of Climate Active carbon neutral products, services, buildings or precincts

KTA uses 100% PowerShop Carbon Neutral electricity.

Certified brand name	Product/Service/Building/Precinct used
PowerShop	Electricity product
WINC (Sourced from Opal)	Carbon Neutral Paper

Emissions summary

The electricity summary is available in the Appendix B. Electricity was purchased via a Climate Active carbon neutral certified electricity provider, Powershop.

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 (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	0.90	0.90
Cleaning and Chemicals	0.00	0.00	1.25	1.25
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	2.92	2.92
ICT services and equipment	0.00	0.00	17.20	17.20
Machinery and vehicles	0.00	0.00	2.42	2.42
Office equipment & supplies	0.00	0.00	15.63	15.63
Postage, courier and freight	0.00	0.00	0.91	0.91
Professional Services	0.00	0.00	19.96	19.96
Transport (Air)	0.00	0.00	17.53	17.53
Transport (Land and Sea)	0.00	0.00	6.62	6.62
Waste	0.00	0.00	1.56	1.56
Working from home	0.00	0.00	-3.13	-3.13
Total emissions	0.00	0.00	83.75	83.75

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 84 t CO₂-e. The total number of eligible offsets used in this report is 85. Of the total eligible offsets used, none were previously banked and all were newly purchased and retired. 1 remains and has been banked for future use.

Co-benefits

KTA are passionate supporters of local community projects and have purchased and retired offsets from Kowanyama Rangers (QLD) Oriners and Sefton Carbon Abatement project. This program involves a savanna burning project located in the western Cape York Peninsula in the Mitchell River basin; it undertakes early season planned burning during wet periods to reduce fuel loads during later, dryer periods, reducing the risk of uncontrolled fires.

The Kowanyama Rangers begun undertaking early season fire management in 2012, refining its approach and its longer-term management plan in the following years. The Rangers have been successful in combining their traditional knowledge with modern hi-tech hardware to manage country the right way through traditional patchwork burning.

Greenhouse gases emitted from savanna fires make up 3% of Australia's total emissions. Savanna burning projects undertaken by Traditional Owners and Aboriginal rangers reduce GHG emissions by undertaking cool, lower intensity fires in the early dry season when the vegetation still contains some moisture from the wet season. This reduces the GHG emitted from high intensity, unmanaged fire in the late dry season when the country is dry.

The benefits of investing in this carbon abatement program include:

- Supporting action to mitigate climate change
- Reducing the devastating impact of wildfires in the Cape York Peninsula
- Maintain and expand indigenous land care methodologies and traditions, in collaboration with local First Nations organisations

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 (%)
Oriners & Sefton Savannah Burning Project – EOP1000959	ACCUs	ANREU	19 February 2024	8.370.683.702 - 8.370.683.786	2022-23		85	0	1	84	100%
Total eligible offsets retired and used for this report										84	
Total eligible offsets retired this report and banked for use in future reports										1	
Type of offset units							Eligible quantity (used for this reporting period)		Percentage of total		
Australian Carbon Credit Units (ACCUs)							84		100%		

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A – We have not surrendered any RECs.

APPENDIX A: ADDITIONAL INFORMATION

N/A

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.

Electricity was purchased via a Climate Active carbon neutral certified electricity provider, Powershop.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kg CO2-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	50%
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)	0	0	0%
Residual Electricity	38,720	36,978	0%
Total renewable electricity (grid + non grid)	0	0	0%
Total grid electricity	38,720	36,978	0%
Total electricity (grid + non grid)	38,720	36,978	0%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	38,720	36,978	
Scope 2	34,194	32,656	
Scope 3 (includes T&D emissions from consumption under operational control)	4,526	4,322	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	0.00%
Mandatory	0.00%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO2-e)	32.66
Residual scope 3 emissions (t CO2-e)	4.32
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	
Location Based Approach	Activity Data (kWh) total	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
Percentage of grid electricity consumption under operational control	100%					
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	38,720	38,720	32,912	2,710	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)	38,720	38,720	32,912	2,710	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)	38,720					

Residual scope 2 emissions (t CO₂-e)	32.91
Residual scope 3 emissions (t CO₂-e)	2.71
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	0.00

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
Powershop Electricity	38,720	0
<i>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.</i>		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

Not applicable.

Data management plan for non-quantified sources

Not applicable.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources



An Australian Government Initiative

