



# **PUBLIC DISCLOSURE STATEMENT**

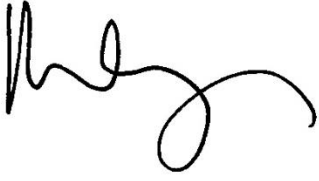
**KERSTIN THOMPSON ARCHITECTS PTY LTD**

**ORGANISATION CERTIFICATION**

**CY2023**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



<b>NAME OF CERTIFIED ENTITY</b>	Kerstin Thompson Architects Pty Ltd
<b>REPORTING PERIOD</b>	Calendar year 1 January 2023 – 31 December 2023
<b>DECLARATION</b>	<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 06..09.2024</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	Total: 125.87 tCO <sub>2</sub> -e
CARBON 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. CERTIFICATION INFORMATION

### Description of organisation certification

The Climate Active Carbon Neutral certification is for 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 2023 to 31 December 2023 (CY2023).

### 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 48 staff (44 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 emission categories in the emissions summary table.

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

**Inside emissions boundary**

**Quantified**

- Accommodation and Facilities
- Cleaning and Chemicals
- Climate Active Neutral Products and Services
- Food – Food and Catering
- ICT Services and Equipment
- Machinery and Vehicles
- Office Equipment and Supplies
- Potage, 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

#### ***Pre-Existing and Near - Term Efforts***

In the lead-up into and immediately following our year-1 assessment, KTA implemented a series of emissions reduction measures to address what we assessed at that time as our most significant emissions categories – energy consumption and transport. We eliminated gas use in our office, installing split systems and heat pumps for heating and hot water; we implemented a carbon-neutral power purchasing contract; we support alternative means of transport via central-city premises and on-site cycling and change facilities; a relatively small segment of our staff relies on private cars for transport.

#### ***Year on Year Improvements & Setbacks***

We have continued to target reductions in Office Equipment and Supplies emissions, a contributor of 16% of emissions last year. We achieved a reduction of 68% in this reporting period. We also saw reductions in petrol use for the company car, down 36% on last year, and a reduction in telecommunication emissions of 17%.

However, there were significant increases in air travel, taxi and car hire, and accommodation. This is owing to Kerstin Thompson, principal of KTA, being awarded the Australian Institute of Architects (AIA) Gold Medal for 2023, a significant recognition of career achievement. This award entails a national speaking tour, as well as other national and international events. While significant, this has represented an unanticipated and significant increase in our travel footprint.

Further Increases in emissions across categories such as ICT Services and Equipment and Food exceeded expectations and are partly reflective of the team's growth in CY2023.

#### ***Reduction Strategy***

Our medium-term strategies are comprised of establishing budgets for and monitoring our spending in relation to our operations, the purchase of IT and office equipment and other capital purchases, and travel.

In terms of on-site operations, acknowledging that we've marginally increased our electrical consumption year on year, we are budgeting to reduce our electrical consumption by 20% by 2028 (within the next five years), primarily through human factors – expanding the temperature comfort range within our office, shutting lights when people leave rooms, ensuring computers are turned off overnight, etc.

We are also future-proofing our office facility to enable the installation of rooftop PV panels within five years. Through recent fit out works we have reinforced the roof structure to support PV panels and ensured that 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 have established an on-going computer replacement schedule to progressively cycle through new computers as they reach the end of their life, replacing 2x computers each quarter; this is intended to avoid surges of new computer purchases, and the gradually extend the life of our existing machines wherever possible, through a program of internal reuse (i.e. moving older machines to less intensive applications such as meeting rooms and remote workstations). Although emissions related to ICT purchases have increased this year, we are targeting a 10% reduction in annual ICT equipment purchases over the next 5 years.

We are implementing several further emissions reduction strategies related our largest emissions categories: air & land transport (27% of total CY2023 emissions)

We undertake annual 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 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 is intended to represent a 15% reduction in our total footprint.

Finally, 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.

This has been successfully implemented during CY2023, with equipment and supplies representing 5% of our CY2023 emissions (6.3t CO<sub>2</sub>-e), down from 18% of CY2022 emissions (15.63 t CO<sub>2</sub>-e).

Taken together, these emissions reductions strategies should reduce our emissions footprint to about 50% of our base year total by 2028.

## **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. Except for office equipment, these remain our largest emitters.

From this base year, we have controlled our ICT and office equipment purchase; travel, and air travel in particular, continue to represent the single largest component of our emissions, and have unfortunately represented that component most difficult to reduce.



## 5. EMISSIONS SUMMARY

### Emissions over time

		Emissions since base year	
		Total tCO <sub>2</sub> -e (without uplift)	Total tCO <sub>2</sub> -e (with uplift)
Base year / Year 1:	CY 2020	117.470	N/A
Year 2:	CY 2021	72.842	N/A
Year 3:	CY 2022	83.75	N/A
Year 3:	CY 2023	125.87	N/A

### Significant changes in emissions

In 2023 Kerstin Thompson was awarded the Architecture Gold Medal, a significant award that recognises career achievement. The subsequent increase in travel associated with the award as well as other local and international events led to a significant rise in air transport and taxi and car hire.

Increased emissions from ICT services and equipment, food, and professional services are reflective of growth within the team

While the percentage of staff working from home didn't change, we have revised our calculations to separately consider impacts relating to commuting. This resulted in a more accurate depiction of carbon contribution but revealed an increase of 371% in terms of WFH emissions on the previous year.

As expected, high 2022 emissions from office equipment and supplies were significantly lower this year (by 68%) with fewer purchases of office furniture.

Emission source name	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Detailed reason for change
ICT Services & Equipment	17.20	22.31	63% from computer and electrical components, hardware and accessories. Increased team size.
Professional Services	19.96	25.28	Increase in education (39%) and taxi and hire car (up 32%)
Transport (Air)	17.530	27.57	AIA Gold Medal and national tour, increased local and international events
Office equipment & supplies	15.630	6.3	Reduced office furniture purchases.
Working from home	-3.13	8.48	Revised calculations to separately consider commuting.

## 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	Green Power
WINC (Sourced from Opal)	Carbon Neutral Paper

## Emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location/market-based approach.

Emission category	Scope 1 emissions (tCO <sub>2</sub> -e)	Scope 2 emissions (tCO <sub>2</sub> -e)	Scope 3 emissions (tCO <sub>2</sub> -e)	Total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	3.62	3.62
Cleaning and Chemicals	0.00	0.00	1.81	1.81
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Food	0.00	0.00	5.41	5.41
ICT services and equipment	0.00	0.00	22.31	22.31
Machinery and vehicles	0.00	0.00	2.74	2.74
Postage, courier and freight	0.00	0.00	0.85	0.85
Professional Services	0.00	0.00	25.28	25.28
Transport (Air)	0.00	0.00	27.57	27.57
Transport (Land and Sea)	0.00	0.00	6.45	6.45
Waste	0.00	0.00	15.05	15.05
Working from home	0.00	0.00	8.48	8.48
Office equipment & supplies	0.00	0.00	6.30	6.30
<b>Total emissions (tCO<sub>2</sub>-e)</b>	<b>0.00</b>	<b>0.00</b>	<b>125.87</b>	<b>125.87</b>

## Uplift factors

N/A.

## 6. CARBON OFFSETS

### Eligible offsets retirement summary

This certification has taken an in-arrears offsetting approach. The total emission to offset is 125.87 t CO<sub>2</sub>-e. The total number of eligible offsets used in this report is 126. Of the total eligible offsets used, none were previously banked and all were newly purchased and retired. 0.13 remains and has been banked for future use.

#### Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Australian Carbon Credit Units (ACCU)s	126	100%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO <sub>2</sub> -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	ANREU	TBC	TBC – Note retirement is pending	TBC		0	126	0	0.13	125.87	99.9%
<b>Total eligible offsets retired and used for this report</b>										<b>126</b>	
<b>Total eligible offsets retired this report and banked for use in future reports</b>									<b>0.13</b>		

## 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

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A – We have not surrendered any RECs.

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

<b>1. Large-scale Generation certificates (LGCs)*</b>	<b>0</b>
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\* 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	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
<b>Total LGCs surrendered this report and used in this report</b>									<b>0</b>

## APPENDIX A: ADDITIONAL INFORMATION

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 CO <sub>2</sub> -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
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)	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	46,323	42,154	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Total grid electricity</b>	<b>46,323</b>	<b>42,154</b>	<b>0%</b>
<b>Total electricity (grid + non grid)</b>	<b>46,323</b>	<b>42,154</b>	<b>0%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>46,323</b>	<b>42,154</b>	
Scope 2	41,233	37,522	
Scope 3 (includes T&D emissions from consumption under operational control)	5,090	4,632	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	

<b>Total renewables (grid and non-grid)</b>	<b>0.00%</b>
<b>Mandatory</b>	<b>0.00%</b>
<b>Voluntary</b>	<b>0.00%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>37.52</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>4.63</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.00</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.00</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>0.00</b>

*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	
		(kWh)	Scope 2 Emissions (kgCO <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
Percentage of grid electricity consumption under operational control	100%					
VIC	46,323	46,323	36,595	3,243	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>46,323</b>	<b>46,323</b>	<b>36,595</b>	<b>3,243</b>	<b>0</b>	<b>0</b>
VIC	0	0	0	0		
<b>Non-grid electricity (behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>46,323</b>					

Residual scope 2 emissions (t CO <sub>2</sub> -e)	36.60
Residual scope 3 emissions (t CO <sub>2</sub> -e)	3.24
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	0.00
<b>Total emissions liability</b>	<b>0.00</b>

#### Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO <sub>2</sub> -e)
<b>Powershop Electricity</b>	46,323	<b>0</b>
<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

Not Applicable.

## Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/A	N/A	N/A	N/A	N/A	N/A	Size: Influence: Risk: Stakeholders: Outsourcing



An Australian Government Initiative

