



PUBLIC DISCLOSURE STATEMENT

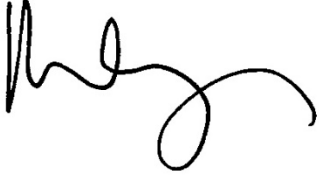
KERSTIN THOMPSON ARCHITECTS PTY LTD

ORGANISATION CERTIFICATION

CY2021

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Kerstin Thompson Architects 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>Kerstin Thompson Principal 29.07.2022</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	72.84 tCO ₂ -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	0%
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 2021 to 31 December 2021 (CY2021).

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 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.

“Achieving Carbon Neutral certification is important to KTA as it confirms to our team, peers and industry that we are both advocating for and personally committed to achieving carbon neutrality in the architecture and construction industry.”

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 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.

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

Inside emissions boundary		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation and facilities Air Transport Carbon neutral Products and services Cleaning and Chemicals Electricity Food – Food and catering ICT Services and Equipment Telecommunications Land and Sea Transport Machinery & Vehicles Staff Commute Office Equipment and Supplies Printing and Stationery Postage, courier and freight Professional Services Waste Working from Home 	<p><u>Non-quantified</u></p> <p>Not applicable</p>	<p><u>Excluded</u></p> <p>Stationary energy and fuels</p>
	<p><u>Optionally included</u></p>	

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

Pre-Existing 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 assessment. Prior to undertaking the net-zero certification process, 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

Our base-year carbon audit determined that our largest emissions categories were ICT services and equipment, transport, professional services, and office equipment. From this base year, we sought to reduce our ICT footprint by 25%, and therefore our total footprint by 3.25% year on year.

In actual terms, we were able to well exceed this target; we reduced our ICT footprint by 66% and our total carbon footprint by 38%.

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 significant upgrades to our facilities and operations:

KTA is planning to fit out and relocate to a new premises in CY2022, housed in a repurposed brick warehouse. This will allow the implementation of emissions reductions strategies including more efficient operations and on-site energy generation.

Through this fit out, 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; the actual savings from these measures will be assessed within our CY2022 assessment.

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 emissions reduction strategies in the near term. These relate our largest emissions categories: transport (41% of total CY2021 emissions) and ICT services and equipment (30% of CY2021 emissions).

We plan to undertake an updated staff travel survey this year to understand our travel by mode in more detail, relative to our return to predominantly office-based work and change in location in CY2021. We will use this data to create an office 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 IT purchasing at or near our CY2021 levels, to maintain the reductions gained from our base year.

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

Emissions reduction actions

During the past year, we targeted the largest single category of emissions in our base year, ICT services and equipment; this category represented 54% of our base year emissions. We were able to reduce our emissions in this category by about 66%, which represented the bulk of our total reduction in the past calendar year.

We have also made a series of decisions around the design and construction of our physical office, as detailed previously. While these are not reflective in the CY2021 assessment, they will have a long-term positive influence in our emissions reduction, and should begin to be reflected in our CY2022 assessment.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year / year 1:	CY 2020	117.471
Year 2:	CY 2021	72.842

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. From this base year, we sought to reduce our ICT footprint by 25%, and therefore our total footprint by 3.25% year on year.

In actual terms, we were able to well exceed this target; we reduced our ICT footprint by 66% and our total carbon footprint by 38%.

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Transport (land & sea)	30.108	19.877	Increase in car / taxi / rideshare use
ICT Services & equipment	21.740	63.458	Reduction in ICT purchases
Professional services	9.598	18.013	Organic changes
Transport (air)	4.11	3.797	Organic changes
Office Equipment & Supplies	3.727	11.018	Organic changes

Use of Climate Active carbon neutral products and services

KTA uses 100% PowerShop Carbon Neutral electricity.

Organisation 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 total emissions (tCO ₂ -e)
Accommodation and facilities	2.25
Cleaning and Chemicals	1.25
Climate Active Carbon Neutral Products and Services	0.00
Food	3.24
ICT services and equipment	21.74
Machinery and vehicles	1.10
Office equipment & supplies	3.73
Postage, courier and freight	0.81
Professional Services	9.60
Transport (Air)	4.11
Transport (Land and Sea)	30.11
Waste	1.42
Working from home	-6.50
Total	72.84

Uplift factors

N/A

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	73
3. Total eligible offsets required for this report	73
4. Total eligible offsets purchased and retired for this report	73
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

KTA are passionate supporters of local community projects and have purchased and retired offsets from Australian Wildlife Conservancy (AWC) Wongalara Carbon Abatement Program. Located on the southern edge of Arnhem Land, Wongalara covers over 190,000 hectares of spectacular Top End habitat. The AWC Carbon Abatement Project is a savanna burning project which reduces wildfires across AWC's northern properties and averts more than 100,000 tonnes of carbon being emitted into the atmosphere. The project reduces the incidence of late dry season wildfires and thereby reducing carbon emissions, the fire management program at Wongalara earns Australian Carbon Credit Units (ACCU) through the Wongalara Carbon Abatement program.

The benefits of investing in this carbon abatement program include:

- Supporting action to mitigate climate change
- Reducing the devastating impact of wildfires in the Top End
- Increasing the extent of old growth vegetation and dispersing it more evenly across the landscape.
- Protecting the exceptional conservation values of Wongalara, including a high number of threatened species and ecosystems.
- Establishing a catalytic model which aims to improve conservation and land management across the Top End – a region of international significance.

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 (%)
Australian Wildlife Conservancy, Wongalara Carbon Abatement Project – ERF103013	ACCUs	ANREU	20.07.22	8,330,172,189- 8,330,172,261	2021-22		73	0	0	73	100%
Total offsets retired this report and used in this report										73	
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				
Australian Carbon Credit Units (ACCUs)		73					100%				

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.

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
Total LGCs surrendered this report and used in this report									0

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

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

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
PowerShop Electricity (100%)	34080	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

Not applicable.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

KTA do not consume any stationary energy and fuels within the Organisation and therefore have been included as excluded emission sources.



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