PUBLIC DISCLOSURE STATEMENT

4A CENTRE FOR CONTEMPORARY ASIAN ART

ORGANISATION CERTIFICATION

CY2023

Australian Government

Climate Active
Public Disclosure Statement

Centre for Contemporary Asian Art

An Australian Government Initiative

Climate Active

NAME OF CERTIFIED ENTITY	4A Centre for Contemporary Asian Art
REPORTING PERIOD	1 January 2023 – 31 December 2023 Arrears report
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.*  Grey Yeoh Finance and Operations Manager 29/05/2024

Australian Government
Department of Climate Change, Energy, the Environment and Water

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	41.07 tCO_2-e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	100%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	15/07/2022 Morna McGuire Pangolin Associates Next technical assessment due: CY2024

Contents

2.CERTIFICATION INFORMATION

Description of organisation certification

This inventory has been prepared for the calendar year from 1 January 2023 to 31 December 2023 and covers the Australian business operations of 4A Centre for Contemporary Asian Art, ABN: 31 013 253 308.

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:

- 181-187 Hay Street, Haymarket 2000 NSW

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

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the 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).

Organisation description

4A Centre for Contemporary Asian Art (4A), also known as Asian Australian Artists Association Incorporated, is an independent not-for-profit organisation based in Sydney, Australia, that has worked in the Asian contemporary art context since 1996 (ABN: 31 013 253 308). 4A fosters excellence and innovation in contemporary culture through the commissioning, presentation, documentation and research of contemporary art. Our extensive program is presented throughout Australia and Asia, where we ensure that contemporary art plays a central role in understanding and developing the dynamic relationship between Australia and the wider Asian region.

Operating from our Haymarket Gallery in Sydney’s Chinatown, 4A is run by a small and passionate team of arts professionals who maintain strong ties to the local community and an expanding international network. In mid-2018 4A sought to investigate how the organisation could achieve meaningful change towards more environmentally sustainable practice across both local and international operations. In its early stages of drafting, 4A’s Sustainability Plan is looking at various ways to reduce energy use inside the 4A Gallery building and across all external programs and activities, with a focus on electricity usage, waste, catering, travel, freight, office IT and staff practices.

2023 was a year of renewal for 4A. Coming out of COVID, in 2022 4A had reopened a revamped gallery at its Haymarket site to the public after significant repairs to the building by the City of Sydney, and by the beginning of 2023 had invested over $500,000 in new floors, repaired our bathrooms which included adding an accessible bathroom. With the support of Creative Australia, Create NSW, and the City of

Sydney, 4A was able to program diverse works that platformed the next wave of Asian and Asian-Australian artists. In 2023, we reached over 200,000 visitations and represented over 30 diasporic communities. We have secured an additional ground-floor space in our building from the City of Sydney, which has been included in our data collation with Climate Active. This is now dedicated to 4A LAB, which will evolve into an experimental space in 2024 to support emerging artists, new ideas and artistic innovations. By renovating our gallery to be fully accessible and exploring digital engagement through video and audio content with 4A Talks, we are paving the way for innovative expanded initiatives in 2024; which we hope will encourage artists and audiences to consider more environmentally sustainable practices and technology-based solutions with regard to art and exhibition making.

3.EMISSIONS BOUNDARY

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

Inside emissions boundary

Quantified
Accommodation and facilities

Carbon neutral products and services

Cleaning and chemicals

Electricity

Food

ICT services and equipment

Machinery and vehicles

Postage, courier and freight

Products

Professional Services

Transport (air)

Transport (Land and Sea)

Waste

Water

Working from home

Office equipment and supplies

Non-quantified
Refrigerants

Outside emission boundary

Excluded
N/A

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

4A Centre for Contemporary Asian Art commits to reducing its total scope 1, 2 and 3 emissions from the business by 30% by 2030 compared to a 2018 baseline. This will be achieved through the following measures:

Scope 1 emissions will be reduced by:

- Action 1: Carrying out defrosting regularly of our refrigerator and ensuring that the temperature is not set not excessively low - Complete.

Scope 2 emissions will be reduced by:

- Action 1: Installing the ERCO LED lighting system in the gallery space, continuing into the gallery bathrooms, hallways and storerooms – Complete.
- Action 2: Including energy efficiency as part of our equipment purchasing policy - Complete.
- Action 3: Set aside a budget (5% of our annual energy expenditure) for ongoing improvements - Complete. - Complete
- Action 4: Bring in a NABERS system to evaluate the energy, water, waste and indoor environment performance in the existing office space. Specifically, utilising an accredited NABERS assessor recommended my Pangolin to conduct this assessment.
- Action 5: Setting days to switch off devices at the powerpoint when not in use, which will typically save some 2-5% of energy consumption - Complete.
- Action 6: Development and implementation of a green office policy by creating environmental milestones, including taking records or logs of energy savings.
- Action 7: Inclusion of an energy update in our e-news & eDMs.

Scope 3 emissions will be reduced by:

- Target 1: Creating an ecological framework with and for artists that work with 4A, including additional sustainability clauses in artist agreements and encouraging artists to choose off-set options when they travel interstate - Complete.
- Target 2: A yearly commitment to engage with the Australian arts industry on issues of sustainability in the sector in the form of a public event / talk / symposium and/or engagement committee.
- Target 3: A yearly commitment to engage with audiences about environmental issues, including embedding environmental conscientiousness into 4A's artistic programming - Complete.
- Target 4: A yearly commitment to support First Nations-led action on climate change by supporting First Nations' offset projects & organisations - Complete.

4A will still be working towards completing Scope 2 emissions, Action 4, 6 and 7. These actions, which were directly related to office equipment and office policy, have been interrupted due to our upstairs gallery/office closure. During this time, which took up the first half of 2023, we had to prioritise moving back

into the gallery building, so we were not able to work with a NABERS assessor or implement a green office policy.

4A is still in correspondence with small-medium-sized organisations to see how other organisations are planning to reduce their emissions and we will still be working towards Target 3 in Scope 3 emissions. While we were able to engage with the Australian Arts industry on issues of sustainability in 2022 through hosting a talk as part of *SPARK: Museums. Ideas. Connections* with Museums & Galleries of NSW, 4A did not hold an event focused on sustainability in 2023. Instead, we focused our energies on bespoke programs such as workshops facilitated by artists on sustainable practice and renewal. An example of these was a clothes mending workshop as part of the exhibition *The Womanifesto Way: Sydney Gathers.*

Despite the fact that 2023 will be 4A's final year with Climate Active, we will continue to complete the actions we have listed along with developing a robust sustainability plan alongside partner arts organisations so that we can stay on track with our 2030 target to reduce our emissions by 30%.

Emissions reduction actions

- 4A installed an ERCO LED lighting system in the gallery space and office, which has taken two years of research and development to procure funding for. The lighting system includes an ERCO Minirail 48V track lighting system and indoor luminaires, more specifically, ceiling wash lights. This was a massive shift for 4A in reducing energy usage inside the 4A gallery building as it meant reducing our energy consumption by half the amount.
- Printing double-sided print as default and reduction in printing.
- Paper usage: shifting to recycled paper, increasing in online publishing.
- Daily computer shutdowns.
- Change of waste management to Cleanaway to ensure a better recycling policy and that landfill is not transported interstate.
- Introducing time working off-site and/or working from home where possible one working from home day during the working week, in order to reduce commuting emissions. This is provided that there is no current exhibition program on view at the gallery space.
- Including a sustainable clause into 4A's artist agreements, ensuring that the artists we work with consider critically how they use their artistic materials and are aware of 4A's industry-leading climate active internal processes.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO_2-e (without uplift)	**Total tCO_2-e** (with uplift)
Base year:	2018	139.2	139.2
Year 1:	2019	163.5	166.0
Year 2:	2020	31.9	31.9
Year 3:	2021	59.5	62.4
Year 4:	2022	51.4	53.9
Year 5:	2023	39.1	41.1

Significant changes in emissions

Significant changes in emissions			
Emission source	**Previous year emissions** (t CO_2-e)	**Current year emissions** (t CO_2-e)	**Reason for change**
Short economy class flights (>400km, ≤3,700km)	4.1	8.6	Natural YoY variance depending on the nature of the exhibitions and client requirements.
Long economy class flights((>3,700km)	0.0	10.4	Natural YoY variance depending on the nature of the exhibitions and client requirements.

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

Certified brand name	**Product/Service/Building/Precinct used**
Pangolin Associates	Consulting services

Emissions summary

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

Emission category	Scope 1 emissions (tCO_2-e)	Scope 2 emissions (tCO_2-e)	Scope 3 emissions (tCO_2-e)	Total emissions (t CO_2-e)
Accommodation and facilities	0.00	0.00	1.59	1.59
Carbon neutral products and services	0.00	0.00	0.00	0.00
Cleaning and chemicals	0.00	0.00	0.28	0.28
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	0.65	0.65
ICT services and equipment	0.00	0.00	0.94	0.94
Machinery and vehicles	0.00	0.00	0.80	0.80
Postage, courier and freight	0.00	0.00	2.52	2.52
Products	0.00	0.00	1.99	1.99
Professional Services	0.00	0.00	3.36	3.36
Transport (air)	0.00	0.00	21.39	21.39
Transport (Land and Sea)	0.00	0.00	1.32	1.32
Waste	0.00	0.00	1.31	1.31
Water	0.00	0.00	0.12	0.12
Working from home	0.00	0.00	0.28	0.28
Office equipment and supplies	0.00	0.00	2.58	2.58
Total	**0.00**	**0.00**	**39.11**	**39.11**

Uplift factors

Reason for uplift factor	tCO_2-e
A mandatory 5% uplift for small organisations	1.96
Total of all uplift factors (tCO_2-e)	1.96
Total emissions footprint to offset (tCO_2-e) *(total emissions from summary table + total of all uplift factors)*	**41.07**

6.CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	42	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_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 (%)
Solar Power VCU Credit, Shapoorji Pallonji, India	VCU	Verra	30 May 2024	13274-487190105-487190123-VCS-VCU-1491-VER-IN-1-1976-26062019-31122019-0	2019		19	0	0	19	45%
86 MW Hydro Project in Himachal Pradesh, India	VCU	Verra	30 May 2024	10405-211881253-211881271-VCS-VCU-1491-VER-IN-1-2323-01112015-31122015-0	2015		19	0	0	19	45%
Rimba Raya Biodiversity Reserve Project, Indonesia	VCU	Verra	30 May 2024	9900-157294394-157294397-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1	2018	-	4	0	0	4	10%
									Total eligible offsets retired and used for this report	**42**	
									Total eligible offsets retired this report and banked for use in future reports	0	

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

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**.

Market-based approach summary

Market-based approach	Activity Data (kWh)	Emissions (kg CO_2-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	2,940	0	100%
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)	557	0	19%
Residual Electricity	-557	-507	0%
Total renewable electricity (grid + non grid)	**3,497**	**0**	**119%**
Total grid electricity	**2,940**	**0**	**119%**
Total electricity (grid + non grid)	**2,940**	**0**	**119%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**-557**	**-507**	
Scope 2	-496	-452	
Scope 3 (includes T&D emissions from consumption under operational control)	-61	-56	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**118.96%**
Mandatory	**18.96%**
Voluntary	**100.00%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO_2-e)	**-0.45**
Residual scope 3 emissions (t CO_2-e)	**-0.06**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Total emissions liability (t CO_2-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	
Percentage of grid electricity consumption under operational control	**100%**	**(kWh)**	**Scope 2 Emissions ($kgCO_2$-e)**	**Scope 3 Emissions ($kgCO_2$-e)**	**(kWh)**	**Scope 3 Emissions ($kgCO_2$-e)**
ACT	0	0	0	0	0	0
NSW	2,940	2,940	1,999	147	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	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)	**2,940**	**2,940**	**1,999**	**147**	**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)	**2,940**					

Residual scope 2 emissions ($t\ CO_2$-e)	**2.00**
Residual scope 3 emissions ($t\ CO_2$-e)	**0.15**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) ($t\ CO_2$-e)	**2.00**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) ($t\ CO_2$-e)	**0.15**
Total emissions liability	**2.15**

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO_2-e)
N/A	**0**	**0**
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct 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 building/precinct under the market-based method is outlined as such in the market-based summary table.		

Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO_2-e)
N/A	**0**	**0**
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.		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. 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	Justification reason
Refrigerants	Immaterial

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation'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 precinct'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.

Excluded emissions sources summary

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

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