



# **PUBLIC DISCLOSURE STATEMENT**

**GUYMER BAILEY ARCHITECTS**

**ORGANISATION CERTIFICATION**


**CY2021**

Australian Government  
**Climate Active  
Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Guymer Bailey Architects
REPORTING PERIOD	1 January 2021 – 31 December 2021
DECLARATION	<p>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.</p>  <p>Phil Jackson Director 28.08.23</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	193.4 tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	88.92%
TECHNICAL ASSESSMENT	CY2019 (assessment date 29/01/2021) Adina Cirtog Pangolin Associates Pty Ltd Next technical assessment due:

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

Guymer Bailey Architects are certified as an Organisation for our Australian business operations.

### Organisation description

Guymer Bailey Architects (ABN 12 010 920 153) is an Australian based architecture firm that provides professional services across Architecture, Landscape Architecture and Interior design. Guymer Bailey Architects, also known as GBA, operate from two office locations, which include a freestanding building in Queensland, and a tenancy within a larger office building in Victoria.

With attitudes, beliefs and actions so often shaped by the built environment around us, we have a great responsibility as architects, landscape architects and designers to create spaces that foster respect for the environment and facilitate responsible ways of thinking and living.

While sustainability has been a core part of our company culture since our inception in 1989, and green initiatives are inherent in our everyday practices, research and design, we have made the commitment to be carbon neutral at both a company and industry level by 2030. This step provides us with a clear framework to monitor and reduce our impact on the environment and help others do the same.

It also helps us move closer to our vision "To build a brighter future through environmentally minded, socially responsible, and culturally sensitive design that creates hope, brings joy, and prioritises wellbeing".

*"While sustainability has been a core part of our company culture since our inception in 1989, and green initiatives are inherent in our everyday practices, research and design, we have made the commitment to be carbon neutral at both a company and industry level.*

*Climate Active provides us with a clear framework to monitor and reduce our impact on the environment and help others do the same."*

# 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**.

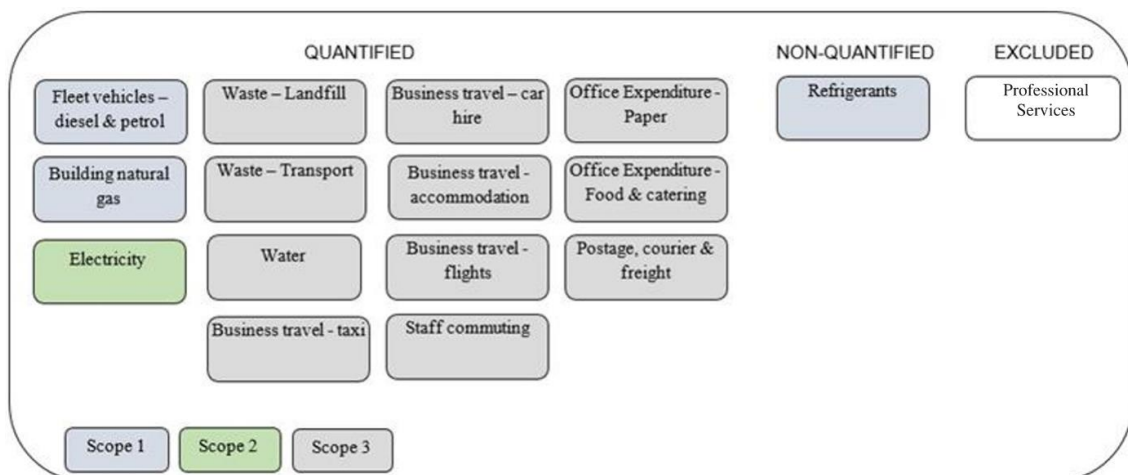
**Non-quantified emissions** have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

## 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.

The emissions considered in the Guymer Bailey carbon account are provided below.



Inside emissions boundary		Outside emission boundary
<p><b><u>Quantified</u></b></p> <ul style="list-style-type: none"> <li>Fleet vehicles</li> <li>Building natural gas</li> <li>Electricity</li> <li>Waste – landfill</li> <li>Waste – transport</li> <li>Water</li> <li>Business travel – taxi</li> <li>Business travel – car hire</li> <li>Business travel – accommodation</li> <li>Staff commuting</li> <li>Office expenditure – paper</li> <li>Office Expenditure – food &amp; catering</li> <li>Postage, courier &amp; freight</li> <li>ICT Equipment</li> </ul>	<p><b><u>Non-quantified</u></b></p> <ul style="list-style-type: none"> <li>refrigerants</li> </ul>	<p><b><u>Excluded</u></b></p> <ul style="list-style-type: none"> <li>Professional Services</li> </ul>
	<p><b><u>Optionally included</u></b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>	

### 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

Guymer Bailey Architects are committed to developing a detailed emission reduction strategy following the emission reduction requirements of a Science Based Target. Reduction targets for 2030 can be found in table below, using 2019 as the baseline.

	2019 BASELINE (t CO <sub>2</sub> -e)	2030 SCIENCE BASED TARGET (t CO <sub>2</sub> -e)	% REDUCTION REQUIRED	ABSOLUTE REDUCTION REQUIRED (t CO <sub>2</sub> -e)
Scope 1 + 2	83	45	46%	- 38
Scope 3	139	75	46%	- 64

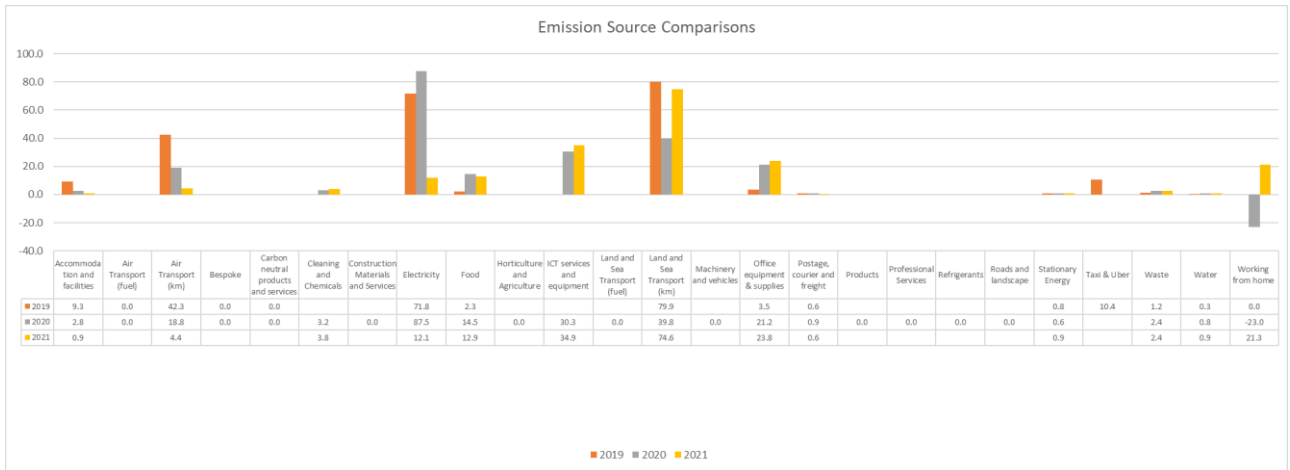
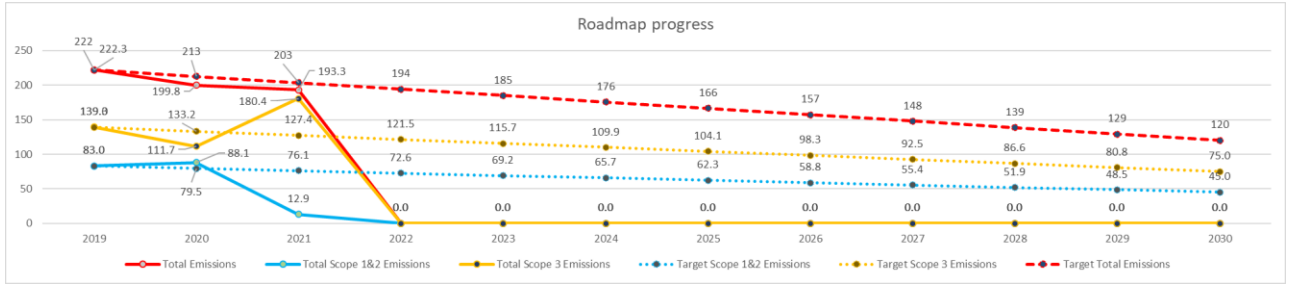
The strategy includes the following measures as well as the timeframe for their implementation:

- Transition to 100% Green Power by 2020
- Reducing transport (air/land/sea) emission through promoting working from home and remote meetings by 2020
- Reducing staff commute and office emissions through introducing a 9-day fortnight by 2023
- Networking with likeminded suppliers/consultants that are also accredited in carbon neutrality commencing in 2024 with a 100% carbon neutral network by 2030
- Engaging with our team to minimise their impacts both at work and at home (ongoing)
- Increasing our awareness and education, and sharing this knowledge with others (ongoing)

## Emissions reduction actions

- Annual emission accounting to measure emissions and track strategy targets to the 2019 Roadmap developed with WSP.
- The Green Power transition has been included, which can be seen in the emission reduction. 2019 (base year): 71.78 t CO<sub>2</sub>, 2021: 12.06 t CO<sub>2</sub>, resulting in a reduction of 83%. This emission reduction action has been completed.
- Through 2020 GBA has developed the staff working-from-home policy, allowing flexible working arrangements. The implemented software platform (Teams/SharePoint) allows for remote video conferences reducing travel both land and air. Air Transport: 2019 (base year): 42.25 t CO<sub>2</sub>, 2021: 4.36 t CO<sub>2</sub>, resulting in a reduction of 90%. Land Transport: 2019 (base year): 79.89 t CO<sub>2</sub>, 2021: 74.58 t CO<sub>2</sub>, resulting in a reduction of 6.6%.
- In an aim to improve staff work-life-balance GBA aims to introduce a 9-day fortnight by 2023, resulting in office closure (including working-from-home) every Friday fortnightly. A targeted reduction is aimed for staff commute, electricity, water, working-from-home. The standard FTE days of 240 (48 weeks, 5 days/week) would therefore be aimed to reduce to 216 (48 weeks, 4.5 days/week), resulting in a 10% reduction in the noted emission scopes.
- By 2030 GBA aims to only work with suppliers/consultants that are carbon neutral accredited. Providers are currently not part of GBA's emission scope. By choosing to work with carbon neutral suppliers/consultants this would neutralize this emission impact when including these emissions in future.
- Carried out educational sessions around waste avoidance and procurement strategies to minimize waste and packaging.

# Progress against roadmap targets





## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e
Base year:	2019	222.3
Year 1:	2020	199.9
Year 2:	2021	193.4

### Significant changes in emissions

- Air transport has reduced significantly due to the introduction of remote video conferencing.
- Electricity has reduced due to the 100% switch to Green Power for both offices, of which the impact is now visible for the full audit year.
- ICT Equipment has slightly increased due to staff growth requiring new equipment to be purchased.
- Land and Sea Transport increased due to staff growth and reduced Covid impact, as staff can return to work more often compared to 2020.
- Working-from-home measurement approach has changed from using the commuting effect in 2020, to in 2021 accounting for the reduced transport emissions within the Land and Sea Transport emissions from working-from-home.

Emission source name	Current year (tCO <sub>2</sub> -e and/ or activity data)	Previous year (tCO <sub>2</sub> -e and/ or activity data)	Detailed reason for change
Air transport (km)	4.36	18.8	Increase in remote video conferring
Electricity	12.06	87.47	100% Green power
ICT Equipment	34.92	30.3	Staff Growth
Land and Sea Transport (km)	74.55	39.8	Staff Growth, reduced Covid impact
Working from home	21.30	-23.00	Change in measurement approach

## Use of Climate Active carbon neutral products and services

N/A

## Organisation emissions summary

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

Emission category	Sum of Scope 1 (tCO <sub>2</sub> -e)	Sum of Scope 2 (tCO <sub>2</sub> -e)	Sum of Scope 3 (tCO <sub>2</sub> -e)	Sum of total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	0	0	0.88	0.88
Air transport (km)	0	0	4.36	4.36
Cleaning and chemicals	0	0	3.78	3.78
Electricity	0	12.06	0	12.06
Food	0	0	12.93	12.93
ICT services and equipment	0	0	34.92	34.92
Land and sea transport (km)	0	0	74.58	74.58
Office equipment & supplies	0	0	23.77	23.77
Postage, courier and freight	0	0	0.58	0.58
Stationary energy	0.86	0	0.07	0.92
Waste	0	0	2.40	2.40
Water	0	0	0.92	0.92
Working from home	0	0	21.30	21.30
<b>Total</b>	<b>0.86</b>	<b>12.06</b>	<b>180.44</b>	<b>193.39</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	37
2.	Total emissions footprint to offset for this report	194
3.	Total eligible offsets required for this report	157
4.	Total eligible offsets purchased and retired for this report	230
5.	Total eligible offsets banked to use toward next year's report	73

### Co-benefits

#### OFFSET PROJECT – Cool Fire

Arnhem Land in the Northern Territory is prone to extreme, devastating wildfires that affect the landscape, people, plants and animals. These projects are owned exclusively by Aboriginal people with custodial responsibility for those parts of Arnhem Land under active bushfire management. Local rangers conduct controlled burns early in the dry season to reduce fuel on the ground and establish a mosaic of natural fire breaks, preventing bigger, hotter and uncontrolled wildfires later in the season.

The projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on, and managing their country. Communities are supported in the preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of the traditional custodians.

## 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 <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 (%)
West Arnhem Land Fire Abatement (WALFA) Project	ACCUs	ANREU	7 Sept 2022	8,329,156,064 - 8,329,156,278	2021	0	215	193	0	22	11%
West Arnhem Land Fire Abatement (WALFA) Project	ACCUs	ANREU	7 Sept 2022	8,329,156,279 - 8,329,156,293	2021	0	15	15	0	15	8%
North East Arnhem Land Fire Abatement (NEALFA)	ACCUs	ANREU	8 June 2023	8,328,921,514 - 8,328,921,743	2021	0	230	0	73	157	81%
<b>Total offsets retired this report and used in this report</b>										194	
<b>Total offsets retired this report and banked for future reports</b>									73		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total				
Australian Carbon Credit Units (ACCUs)		194					100%				

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

# APPENDIX A: ADDITIONAL INFORMATION

## TEM Carbon Offset Retirement

CERTIFICATE NO. **GYBA-0323**  
 GUYMER BAILEY ARCHITECTS PTY LTD

### TEM RETIREMENT REPORT

Retired on behalf of Guymer Bailey Architects Pty Ltd for their Climate Active certification for CY 2021 and CY 2022.



REFERENCE	PROJECT NAME	SERIAL NO.	COUNTRY	PROJECT ID	TYPE	VINTAGE	DATE	UNITS
1	KACCU-AUS-NEALFA	SN 8,328,921,514 - 8,328,921,743	Australia	EMF106105	Fire	2021	08/26/2023	230
<b>TOTAL</b>								<b>230</b>

### EXTRAORDINARY IMPACT OFFSET PROJECT CATEGORY OVERVIEW

Arnhem Land in the Northern Territory is prone to extreme, devastating wildfires that affect the landscape, people, plants and animals. These projects are owned exclusively by Aboriginal people with custodial responsibility for those parts of Arnhem Land under active bushfire management. Local rangers conduct controlled burns early in the dry season to reduce fuel on the ground and establish a mosaic of natural firebreaks, preventing bigger, hotter and uncontrolled wildfires later in the season.

The projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on and managing their country. Communities are supported in the preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of traditional custodians.

The projects meet the following Sustainable Development Goals



EVIDENCE

## RETIREMENT CONFIRMATION

**OFFSET REF 1:** Australian National Register of Emission Units  
[LINK TO REGISTRY](#)  
 SNR:328,921,514 - 8,328,921,743



# APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

## 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.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO <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 & Precinct LGCs)	0	0	0%
GreenPower	77,027	0	70%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	20,291	0	19%
Residual Electricity	12,128	12,059	0%
<b>Total grid electricity</b>	<b>109,446</b>	<b>12,059</b>	<b>89%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>109,446</b>	<b>12,059</b>	<b>89%</b>
Electricity renewables	97,318	0	
Residual Electricity	12,128	12,059	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		12,059	

<b>Total renewables (grid and non-grid)</b>	<b>88.92%</b>
<b>Mandatory</b>	<b>18.54%</b>
<b>Voluntary</b>	<b>70.38%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>12</b>

*Figures may not sum due to rounding. Renewable percentage can be above 100%*

## Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	57,494	52,320	5,749
Qld	51,952	41,562	6,234
NT	0	0	0
WA	0	0	0
Tas	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>109,446</b>	<b>93,881</b>	<b>11,984</b>
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>109,446</b>	<b>93,881</b>	<b>11,984</b>

<b>Emission Footprint (TCO2e)</b>	<b>106</b>
<i>Scope 2 Emissions (TCO2e)</i>	94
<i>Scope 3 Emissions (TCO2e)</i>	12

## Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
n/a	0	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

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Refrigerants	Yes	No	No	No

# APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

## Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct'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 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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Professional Services (external)	No	No	No	No	No	No



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