



PUBLIC DISCLOSURE STATEMENT

GUYMER BAILEY ARCHITECTS

**ORGANISATION CERTIFICATION
CY2019**

Australian Government
Climate Active
Public Disclosure Statement

GUYMER | BAILEY architects



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: Guymer Bailey Architects

REPORTING PERIOD: 1 January 2019 – 31 December 2019

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.

Signature

A handwritten signature in black ink, appearing to read "P. Jackson".

Name of Signatory

Phillip Jackson

Position of Signatory

Director

Date

30th March 2021



Australian Government

**Department of Industry, Science,
Energy and Resources**

Public Disclosure Statement documents are prepared by the submitting organisation. The material in Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement documents and disclaims liability for any loss arising from the use of the document for any purpose.

1. CARBON NEUTRAL INFORMATION

Description of certification

Guymer Bailey Architects, ABN 12 010 920 153, are certified as an Organisation for our business operations.

Organisation description

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 new 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".

Guymer Bailey Architects is an Australian based architecture firm that provides professional services across Architecture, Landscape Architecture and Interior design. Guymer Bailey Architects operate from two office locations, which include a freestanding building in Queensland, and a tenancy within a larger office building in Victoria.

"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."

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. The strategy will include the following measures as well as the timeframe for their implementation:

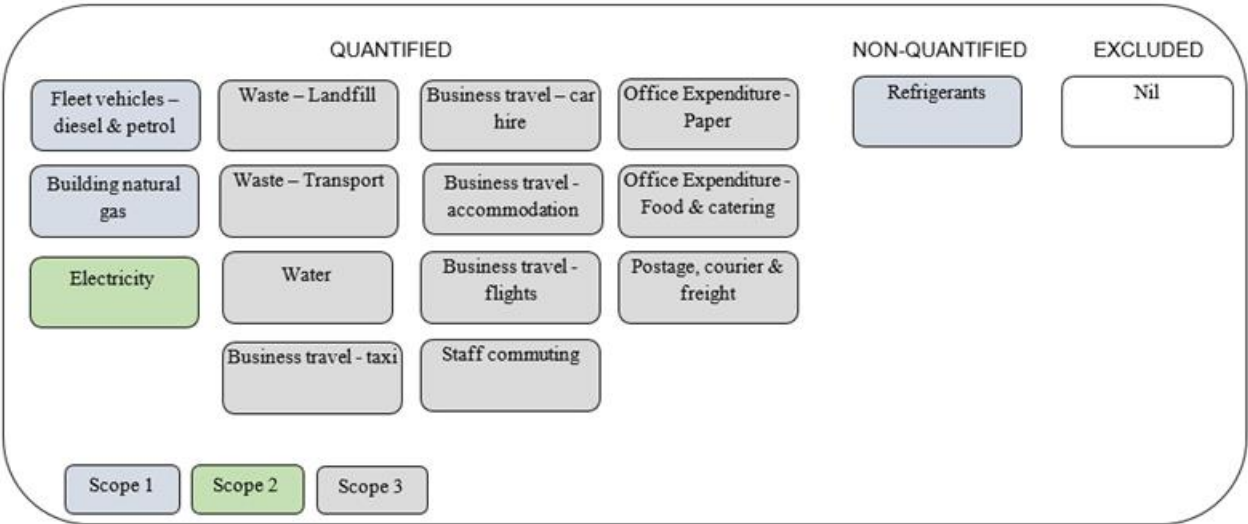
- Measuring and reporting on the company's organisational carbon footprint annually
- Purchasing Green Power® to eliminate emissions associated with electricity consumption
- Reducing the number of flights taken by staff through the use of video conferences and purchasing flight offsets where flying is required
- Flexible working arrangements to reduce emissions associated with staff travel
- Improvements to natural ventilation in both offices to reduce reliance on air conditioning
- Investigation of solar PV to the Brisbane office and electric vehicle charging point.
- Educating and engaging our staff to minimise their impacts both at work and at home

Several elements of this reduction strategy have commenced including, Green Power, Travel reduction, Flexible working, and the framework for measuring our carbon footprint annually. The strategy will be finalized formally by June 2021

2. EMISSION BOUNDARY

Diagram of the certification boundary

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



Quantified	Non-quantified	Excluded
Fleet Vehicles	Refrigerants	Nil
Natural Gas		
Electricity		
Waste		
Water		
Business Travel		
Staff Commuting		
Paper		
Food & Catering		
Freight		

Non-quantified sources

The potential emissions from refrigerants are estimated to be less than 1% of the total carbon account (immaterial). Guymer Bailey will endeavor to quantify future refrigerant emissions.

Data management plan

Non-quantified sources are immaterial.

“We have a great responsibility as Architects, Landscape Architects and Interior designers to create spaces that foster respect for the environment and facilitate new ways of thinking and living.”

3. EMISSIONS SUMMARY

Emissions summary (inventory)

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	9.33
Air Transport (km)	42.25
Electricity (market based)	71.78
Food	2.29
Land and Sea Transport (km)	79.89
Office equipment & supplies	3.48
Paper (Climate Active Certified Carbon Neutral)	-
Postage, courier and freight	0.63
Stationary Energy	0.75
Taxi and Uber	10.42
Waste	1.19
Water	0.26
<i>Total Net Emissions</i>	222.3

Uplift factors

Reason for uplift factor	tonnes CO ₂ -e
No sources require uplift factor	
<i>Total Footprint to offset (uplift factors + net emissions)</i>	

Carbon neutral products

The carbon neutral certified products used at the Guymer Bailey offices include:

- Aspire Carbon Neutral Copy Paper
- Reflex 100% Recycled Carbon Neutral Certified Paper

Electricity summary

Electricity was calculated using a market-based approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting with a view to finalising a policy decision for the carbon neutral certification. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures has been provided for full disclosure and to ensure year on year comparisons can be made.

Market-based approach electricity summary

Electricity inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	15,172	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	66,397	71.78
Renewable electricity percentage	19%	
<i>Net emissions (Market based approach)</i>		71.78

Location-based summary

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
Vic	Electricity Renewables		-1.12	
Vic	Electricity Total	33,418	1.12	37.43
Qld	Electricity Renewables		-0.93	
Qld	Electricity Total	48,151	0.93	44.78
	<i>Total net electricity emissions (Location based)</i>		0.00	82.21

4. CARBON OFFSETS

Offset Purchasing Strategy

Offsets will be purchased annually in arrears at the end of each reporting period. We will look to primarily purchase offsets involved with Australian projects aligned with our organisational values.

Offsets summary

1. Total offsets required for this report					223				
2. Offsets retired in previous reports and used in this report					0				
3. Net offsets required for this report					223				
Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity to be banked for future years	Quantity to be used this report
TEM – Cool Fire, Australia	ACCU	ANREU	25/03/2021	<u>3,800,735,125 - 3,800,735,239</u>	2019-20	115	0	0	115
TEM – Bringing the Bush Back, Australia	ACCU	ANREU	25/03/2021	<u>3,790,619,122 - 3,790,619,236</u>	2019-20	115	0	7	108
Total offsets retired this report and used in this report							223		
Total offsets retired this report and banked for future reports								7	

Co-benefits

Cool Fire

Arnhem Land in the Northern Territory is prone to extreme, devastating wildfires that affect the landscape, people, plants and animals. These projects comprise an entirely Aboriginal-owned, not-for-profit carbon farming business created by Aboriginal Traditional Owners in Arnhem Land to support their engagement with the carbon industry. Arnhem Land Fire Abatement (ALFA) currently supports Traditional Owners to manage five fire projects across an area of over 80,000 km².

Aboriginal Traditional Owners and rangers utilise customary fire knowledge to accomplish highly sophisticated landscape-scale fire management. Controlled burns are conducted 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. Using both aerial burning (incendiary pellets dropped from helicopters) and ground burning, rangers burn strategically, adding to natural breaks such as moist ground along creeks, cliff lines and tracks to create unburned 'compartments' surrounded by burned breaks. Rangers manage fire across a range of ecosystems including the escarpments, gorges and sandstone heaths of the Arnhem Plateau.

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. Preventing wildfires also reduces the risk of wildlife loss and protects the areas surrounding ancient rock art sites.

Bringing the Bush Back

Widespread land clearing in New South Wales has significantly impacted local ecosystems. This degradation and loss of plant species threatens the food and habitat on which other native species rely. Clearing allows weeds and invasive animals to spread, affects greenhouse gas emissions and leads to soil erosion and salinity.

Located in Western New South Wales, this project works with landholders to regenerate and protect native vegetation. The area harbours a number of indigenous plant species which provide important habitat and nutrients for native wildlife. By erecting fencing and actively managing invasive species, the project avoids emissions caused by clearing and achieves key environmental and biodiversity benefits.

5. USE OF TRADE MARK

Description where trademark used	Logo type
Sustainability Report	Organisation
Email Signatures	Organisation
Company Capability Statements	Organisation

6. ADDITIONAL INFORMATION

N/A

7.APPENDIX 1: EXCLUDED EMISSIONS

All emissions required to be within the boundary were quantified and included in the carbon inventory.