



PUBLIC DISCLOSURE STATEMENT

ARCHITECTUS AUSTRALIA PTY LTD

ORGANISATION CERTIFICATION


FY2020-21

Australian Government

Climate Active Public Disclosure Statement

architectus™



NAME OF CERTIFIED ENTITY	Architectus Australia Pty Ltd
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021 Arrears report
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>Alexandra Lawlor National Leader, Urban Futures & Resilience Date</p>



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

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Version September 2021. To be used for FY20/21 reporting onwards.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1,184 tCO ₂ -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	NA
TECHNICAL ASSESSMENT	Date 08/06/22 Josh Prado Pangolin Associates Next technical assessment due: FY24
THIRD PARTY VALIDATION	Type 1 Date: 29/04/22 Name: Benjamin Jenkins Organisation: GPP Audit Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year 1 July 2020 – 30 June 2021 and covers the Australian business operations of Architectus Australia Pty Ltd (Architectus), ABN: 90 131 245 684.

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:

- L25 385 Bourke St, Melbourne 3000 VIC
- 14, 60 Carrington St, Sydney 2000 NSW
- L18 25 Martin Place, Sydney 2000 NSW
- L1 15 Leigh St, Adelaide 5000 SA
- L2 79 Adelaide St, Brisbane 4000 QLD
- QV1 Upper Plaza West, Perth 6000 WA

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

“As a leading Australian architecture and design studio, Architectus has established a strong commitment to sustainability through its innovative design contribution to hallmark projects across Australia.

In recognition of the urgency to act on climate change, we have committed to becoming a certified carbon neutral organisation.

Achieving Climate Active certification enables Architectus to demonstrate sector leadership, innovation, and deep commitment to a more sustainable future.”

Organisation description

Architectus (ABN 90 131 245 684) is a multi-award-winning Australian architecture and design studio specialising in commercial, education, interiors, public, residential, transport, and urban design.

Our design philosophy is underpinned by our 5Ps – people, place, purpose, planet, and production. We are thoughtful in our approach and we work collaboratively with our clients and partners to create places and spaces that stand the test of time and are respected for their rationality, ingenuity and beauty.

At Architectus, we take community and environmental sustainability seriously – accepting responsibility for our projects’ social and ecological impact and our practice operations. We take design leadership for environmental impact, cultural heritage, economic viability and social significance so that each precinct, building or interior space will withstand and adapt to whatever the future holds.

As of 2021, we are net-zero in our operations and will be carbon neutral certified in 2022. We are one of the first large practices to have an endorsed Reconciliation Action Plan. We are committed to making reconciliation tangible by listening, learning and working with First Peoples in our practice and in our projects.

We operate as a single studio with more than 400 staff across Adelaide, Brisbane, Melbourne, Perth, and Sydney. Our practice is governed by a Board of Directors that ensures best practice is achieved in everything that we do. In 2022, we will celebrate our 21st birthday.

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.

Inside emissions boundary		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Accommodation and facilities	NA	NA
Air Transport (km)		
Taxi & Rideshare		
Cleaning & Chemicals		
Electricity		
Base Building Natural Gas		
ICT Services and equipment		
Land and Sea Transport (fuel)		
Land and Sea Transport (employee commute, km)		
Office equipment & supplies		
Postage, courier and freight		
Professional Services		
Refrigerants		
Waste		
Water		
Working From Home		

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

Introduction

Achieving Climate Active certification enables Architectus to demonstrate sector leadership, innovation, and deep commitment to a more sustainable future.

As a leading Australian architecture and design studio, Architectus has established a strong commitment to sustainability through its innovative design contribution to hallmark projects across Australia. In recognition of the urgency to act on climate change, we have committed to becoming a certified carbon neutral organisation.

An important aspect of ongoing certification is to demonstrate that in addition to calculating and offsetting emissions, there is an ongoing, concerted and effective effort to reduce operational emissions.

Certification, as part of broader sustainability ambition and endeavour, assists in delivery of Architectus' strategic priorities, and in fact informs them into the future.

While these processes are underway, there is opportunity to establish a suite of engagement programs in tandem, to actively involve all staff in sustainable practices, building on operational change to generate long term cultural change within the organisation.

Action Plan

Annual emissions in a BAU scenario can be most significantly reduced through less air travel and reconsideration of electricity supply arrangements. Further emissions reductions can be achieved through adoption over time of products and services with a lower carbon footprint - whether due to the inherent nature of the product and service, or through the sustainability practices of the provider.

Due to covid-impacted business activities of recent years, 2019 data for the most emissions-intensive activities are being used as a proxy measurement for BAU. Many factors will influence actual BAU footprint into the future, both positively and negatively. Architectus can control or influence many factors, and these form the basis of items for the Action Plan.

A detailed ERS action plan will be developed during 2022 to address the carbon footprint of the following business activities:

Supply side

- Investigate current tenancy and base building electricity supply arrangements and further opportunities to purchase renewably sourced alternatives
- Identify Architectus's most significant products, services, suppliers and providers, seeking opportunities to purchase emissions-free or lower emissions products and services, and assessing major suppliers for sector best practice. This work will be undertaken as part of our broader investigations of upstream supply chain impacts and social procurement strategy.

Demand side

- Changes in business practices – energy reduction & efficiencies in studios, further rationalisation of business flights, catering choices, understanding carbon impacts of resource use. These actions are an important part of staff engagement and culture change programs.

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

This assessment and Climate Active submission was prepared with the assistance of Pangolin Associates and these services are also carbon neutral.

Organisation emissions summary

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

Emission category	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	3.08
Air transport (fuel)	0
Air transport (km)	12.25
Bespoke – Land and Sea Transport (km); Taxi & Rideshare	0.61
Carbon neutral products and services	0
Cleaning and chemicals	18.54
Construction materials and services	0
Electricity	423.9
Food	30.53
Horticulture and agriculture	0
ICT services and equipment	457.17
Land and sea transport (fuel)	1.24
Land and sea transport (km)	13.16
Machinery and vehicles	0
Office equipment & supplies	36.35
Postage, courier and freight	10.63
Products	0
Professional services	25.49
Refrigerants	16.73
Roads and landscape	0
Stationary energy	12.3
Waste	13.05
Water	4.11
Working from home	104.18
Total	1183.91

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears		
1.	Total offsets previously forward purchased and banked for this report	0
2.	Total emissions liability to offset for this report	1,184
3.	Net offset balance for this reporting period	1,184
4.	Total offsets to be forward purchased to offset the next reporting period	0
5.	Total offsets required for this report	1,184

Co-benefits

NIHT Topaiyo REDD+

NIHT Inc. has partnered with the traditional landowners of New Ireland and East New Britain to put an end to deforestation initiated by industrial logging in the region. The preservation of these rainforests is essential to not only the carbon and biodiversity benefits inherent with projects of this nature, but also for the wellbeing and prosperity of the people of New Ireland and East New Britain. The project is located in the forested areas of New Ireland and East New Britain in Papua New Guinea. The project has evolved based on the input and needs expressed by persons living in the region. What began as a traditional timber operation has been recognised as an opportunity with enormous carbon sequestering potential and has evolved into a forest protection project that will provide substantial economic benefits to the people of Papua New Guinea. Through the avoidance of carrying out exploitative industrial commercial timber harvesting in the project area, the project expects to generate nearly 60 million tonnes of CO₂ emissions reductions across the 30 year project lifetime, depending on the number and size of Project Activity Instances (PAIs) added to the project.

Offsets summary

Proof of cancellation of offset units

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	Eligible quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
NIHT Topaiyo REDD +	VCUs	VERRA	01/10/2021	9629-113064954-113065732-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0 9629-113181795-113181814-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2019	=779+20	0	0	799	68%
AAC Block Project By Aerocon Buildwell Pvt. Ltd. (EKIESL- June 2016-02)	VCUs	VERRA	06/06/2022	11962-371338280-371338505-VCS-VCU-1423-VER-IN-4-1549-01072016-31122016-0 11962-371345930-371346088-VCS-VCU-1423-VER-IN-4-1549-01072016-31122016-0	2016	=226+159	0	0	385	32%
Total offsets retired this report and used in this report									1,184	
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				
Verified Carbon Units (VCUs)		1,184				100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

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
NA									
Total LGCs surrendered this report and used in this report								0	

APPENDIX A: ADDITIONAL INFORMATION

NA

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-based approach.

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.

Market-based approach summary

Market-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)	Renewable % 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 & Precinct LGCs)	0	0	0
GreenPower	0	0	0
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)	88,213	0	19
Residual electricity	377,906	405,524	0
Total grid electricity	466,119	405,524	0
Total electricity consumed (grid + non grid)	466,119	405,524	0
Electricity renewables	88,213	0	
Residual electricity	377,906	405,524	
Exported on-site generated electricity	0	0	
Emission footprint (kgCO ₂ -e)		405,524	

Total renewables (grid and non-grid)	18.93
Mandatory	18.93
Voluntary	0
Behind the meter	0
Residual electricity emission footprint (tCO₂-e)	406

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

Location-based approach summary

Location-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)
ACT	0	0
NSW	188,913	170,022
SA	40,054	20,828
Vic	109,946	119,841
Qld	105,055	97,701
NT	0	0
WA	22,152	15,506
Tas	0	0
Grid electricity (scope 2 and 3)	466,119	423,898
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (behind the meter)	0	0
Total electricity consumed	466,119	423,898
Emission footprint (tCO₂-e)	424	

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
NA	0	0

Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

No emission sources included within this assessment have been non-quantified

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

No emission sources have been excluded from this assessment.



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