

PUBLIC DISCLOSURE STATEMENT

ARCHITECTUS SERVICES HOLDCO PTY LTD (TRADING AS 'ARCHITECTUS')

ORGANISATION CERTIFICATION FY2023–24

Australian Government

Climate Active Public Disclosure Statement





NAME OF CERTIFIED ENTITY	Architectus Services HoldCo Pty Ltd (trading as 'Architectus')
REPORTING PERIOD	Financial year 1 July 2023 – 30 June 2024 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. Nigel Justine
	Nigel Justins Principal, Sustainability Leader 7 November 2024



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Version 9.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	3,344 tCO2-e
CARBON OFFSETS USED	10.02% ACCUs, 89.98% VCUs
RENEWABLE ELECTRICITY	18.72%
CARBON ACCOUNT	Prepared by: Rewild Agency
TECHNICAL ASSESSMENT	11 th September 2023 Rewild Agency Next technical assessment due: FY2026
THIRD PARTY VALIDATION	N/A

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2. CERTIFICATION INFORMATION

Description of organisation certification

This inventory has been prepared for the financial year 1 July 2023 – 30 June 2024 and covers the Australian business operations of Architectus Services HoldCo Pty Ltd (Architectus), ABN: 31 654 274 629.

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:

- L12 and L25 385 Bourke St, Melbourne 3000 VIC
- L17 and L18 25 Martin Place, Sydney 2000 NSW
- L14, 60 Carrington St, Sydney 2000 NSW
- L1 15 Leigh St, Adelaide 5000 SA
- L2 79 Adelaide St, Brisbane 4000 QLD
- QV1, Upper Plaza West, Perth 6000 WA
- L19 and L26 240 Queen St, Brisbane 4000 QLD
- L1 37 Conor Street, Gold Coast 4220 QLD
- Suites 110 and 112, 26-32 Pirrama Rd, Sydney 2000 NSW
- L1 31-45 Eyre St, Townsville 4810 QLD
- Menelik Avenue, Addis Ababa, Ethiopia

Architectus Aotearoa Holdings Limited is not included in this report as it is a separate legal entity based in New Zealand and partially owned (50%) by Australia but not controlled by the Australian Group.

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

This Public Disclosure Statement includes information for FY2023-24 reporting period.



Organisation description

Architectus (ABN 31 654 274 629) is a multi-award-winning Australian architecture and design studio specialising in commercial, education, interior architecture, public, residential, transport, defence, health, heritage and urban design.

Our design philosophy is underpinned by our 5 P's – people, place, purpose, planet, and production, supported by the Architectus Sustainability and Resilience Framework, based on the United Nations Sustainable Development Goals. 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 financial year 2021, we have been carbon neutral certified with Climate Active. 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 around 630 staff across Adelaide, Brisbane, Melbourne, Perth, Townsville, Gold Coast and Sydney. Our practice is governed by a Board of Directors that ensures best practice is achieved in everything that we do.

Due to operating under a single studio model, emissions from all subsidiaries are captured within Architectus Services HoldCo Pty Ltd's corporate services and emission boundary. While Architectus Asia Pty Ltd is part of this broader group structure, it is a non-operating entity that does not currently conduct any operations or business activity in Asia.

The following subsidiaries are also included within this certification:

Legal entity name	ACN
Architectus Services FinCoPty Ltd	654 278 341
Architectus Services BidCoPty Ltd	654 282 158
Architectus Australia Holdings Pty Ltd	131 876 983
Architectus Australia Pty Ltd	131 245 684
Architectus Futuro Pty Ltd	654 333 230
BIM Consulting Pty Ltd	161 462 773
Architectus Asia Pty Ltd	602 768 990
Architectus Brisbane Pty Ltd	087 758 745
Conrad Gargett Holdings Pty Ltd	664 680 157
Conrad Gargett Group Pty Ltd	636 465 373

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 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

Cleaning and chemicals

Electricity

Food

Construction materials and services

Machinery and vehicles

ICT services and equipment

Professional services

Office equipment and supplies

Postage, courier and freight

Refrigerants

Stationary energy and fuels

Transport (air)

Transport (land and sea)

Waste

Water

Working from home

Non-quantified

Ethiopia Office Operation Emissions (staff commuting, office waste, office equipment, etc.)

Optionally included

N/A

Outside emission boundary

Excluded

N/A

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 staff in our emissions reduction strategy, building on operational change to generate long-term cultural change within the organisation.

Comparisons to previous year emissions

Our annual footprint has decreased by 13% in FY24 primarily due to the changes detailed below. The merger with Conrad Gargett resulted in a base year recalculation in FY23, during this time many financial and operational systems were not yet integrated. As time has gone on Architectus has combined the business's systems and streamlined the operations, becoming more efficient and thus, reducing emissions.

- Merging the entities systems and workplaces, resulted in:
 - o A decrease in expenditure on professional services (18%).
 - O A decrease in expenditure on ICT services and equipment (61%).
 - A decrease in electricity consumption (12%).
- The reduction in electricity consumed is likely due to closure of offices, this includes:
 - Suites 110 and 112, 26-32 Pirrama Rd, Sydney 2000 NSW Moved out in March 2024.
 - o L14, 60 Carrington St, Sydney 2000 NSW Moved out in February 2024.



Figure 1: FY23-FY24 GHG Emissions Variance (tCO2-e)

4000
3500
2500
2000
1500
0
FY23
FY24

Scope 1 Scope 2 Scope 3

The 13% decrease in emissions is illustrated in Figure 1 below:

Action Plan

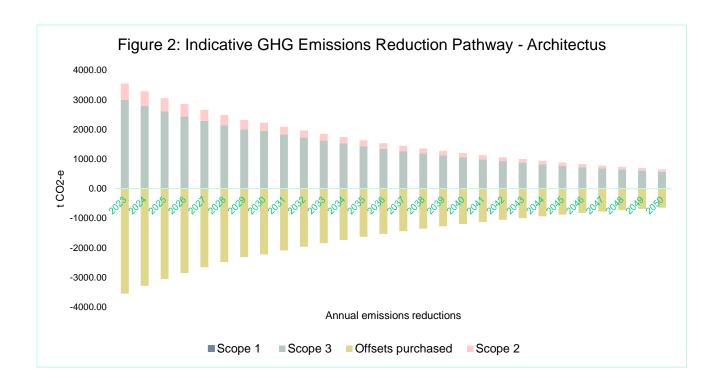
Building on our initial emissions reduction strategy in our FY21 initial base year certification with Climate Active, we have identified a range of specific reduction actions and overarching targets for the organisation. We have modelled a scenario for achieving the following near-term reduction targets against the recalculated base year in FY23:

- A 50% reduction on scope 2 emissions by 2030 against the FY23 base year (given at this stage
 the way tenancy contracts are managed achieving a 100% scope 2 reduction is challenging, but
 Architectus will continue to evaluate and priortise this in future lease agreements).
- A 45% reduction on scope 3 emissions by 2030 against the FY23 base year.

While the following long-term target has been set for achieving absolute net zero emissions:

A 95% reduction on combined emissions by 2050 against the FY23 base year following the
guidelines set by the Science Based Targets initiative (SBTi). However, we acknowledge
achieving this target will not be easy and will require more than operational changes alone –
needing a whole of business approach, supply chain transition and engagement with market
innovations to occur alongside our internal initiatives.

These near and long-term targets are particularly ambitious for the business but have been evaluated as being attainable with a rigorous effort.



Our scope 3 emissions comprised 85% of our total emissions in FY24, hence it is essential that we place a large focus on engaging with our suppliers to reduce these scope 3 emissions over time, rather than just concentrating on scope 1 and 2 emissions alone.

From a projects and design perspective, we have developed a Sustainability and Resilience Framework based on the United Nations Sustainable Development Goals and our commitment to Architects Declare. The Framework provides a toolkit for establishing the sustainability outcomes for our projects and cocreating Project Sustainability Plans with clients and key stakeholders.

Engaging with the Framework allows clients to articulate their Sustainability ambitions and to prioritise actions that will provide the most benefit to their project objectives. We organise the Framework around three key themes that cover the range of social and environmental sustainability and resilience outcomes:

- Design for Community
- Regenerative Design
- Lifecycle Design

Our approach to sustainability as a company can be found on the Architectus website: https://architectus.com.au/responsibility/sustainability/

Our emissions reduction targets have been developed with support from consultant Rewild Agency and in alignment with the Science Based Targets initiative (SBTi) <u>Corporate Net-Zero Standard</u>, however we have not had these targets independently validated by the SBTi. Architectus' emissions reductions actions, timeframes, and measures planned for implementation over the short, medium, and long-term are outlined in further detail in the following table.

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Emissions reduction strategy	Emissions source	Emissions scope	Estimated reduction capacity	Status	Timeframe / deadline (noting we adopt FY reporting)	KPI's & measures
Switch all company-owned/operated vehicles to EV's (powered by 100% renewables) by 2030 at the latest.	Fuel	Scope 1	<1% scope 1	On track	Q4, 2025	Contrast emissions reductions & cost variations post switch.
Go	oal: To achieve	e a 50% reduc	tion on scope 2	emissions	by 2030 agai	nst FY23 base year
Switch to purchasing 100% GreenPower where feasible at Architectus offices (where we are able to select utility providers) by late 2029.	Purchased electricity	Scope 2	~50% scope 2	On track	Q4, 2030	Contrast emissions reductions & cost variations post switch
Go	oal: To achieve	e a 45% reduc	tion on scope 3	emissions	by 2030 agai	nst FY23 base year
Improve the accuracy of data in areas such as waste management and purchased goods and services which have already achieved carbon neutral certification.	All sources	Scope 3	NA	On track	Ongoing	Track indicative efficiencies in emissions reporting & tender submissions
Establish an air travel reduction target that is realistic and meets the needs of the business, to be implemented from FY25 onwards and supported by an internal guideline on appropriate considerations and policy for business travel.	Air transport	Scope 3	22% overall	On track	Q2, 2025	Contrast emissions reductions & cost variations post switch
Establish expectations with the top 10% of spend on suppliers within our largest emissions intensive professional services categories (e.g. IT, education, entertainment, food & catering, telecommunications, subscriptions, and accounting services) that it is strongly preferred that they set their own science-based targets and disclose their scope 1 and 2 emissions by the end of 2026.	Professional services	Scope 3	42% overall	On Track	Q4, 2026	Track the percentage of service providers who agree to becoming carbon neutral certified.
Provide information for staff to purchase 100% certified GreenPower at home to reduce emissions associated with staff working from home.	Work from home	Scope 3	<3% overall	Not yet started	Q1, 2026	Monitor staff uptake & emissions savings.
We have implemented a policy which states to purchase economy class tickets when flying domestically unless otherwise approved by the CEO	Air transport	Scope 3	ТВС	Complete	Q1, 2024	Contrast emissions reductions & cost variations post switch
Implement low-impact catering guidance that outlines a preference for sourcing catering from suppliers who set their own science-based targets and disclose their scope 1 and 2 emission.	Professional services	Scope 3	2% overall	Complete	Q4, 2024	Contrast emissions reductions & cost variations post switch
Analyse our emissions intensity moving forward p/employee but also p/FTE.	NA/AII	NA/AII	NA	Complete	Q4, 2024	Compare emissions intensity (tCO2-e p/billable hour) on an annual basis moving forward
Goa	al: To achieve	a 95% reduct	ion on combine	d emission	s by 2050 aga	ninst FY23 base year
Once the initial air travel reduction target has been implemented – consider increasing this to further decrease air travel emissions.	Air transport	Scope 3	~10% overall	Not yet started	Q3, 2030	Contrast emissions reductions & cost variations post switch
Implement a supplier code of conduct and/or procurement policy, which encourages all service providers to achieve Climate Active certification or set their own science-based targets.	Professional services	Scope 3	42% overall	On track	Q3, 2025	Contrast reduction figures from before & after this action is implemented

Implement a policy to prioritise booking accommodation in hotels with an ecotourism certification – or in future, within buildings or services that are Climate Active certified (noting that no hotels are currently certified under the program).

Monitor trips taken & corresponding emissions compared with BAU business travel.

Emissions reduction actions

In FY24 we took the following actions to assist with reducing and improving our emissions + data management processes:

- Introduced offering salary packaged novated lease agreements for 100% electric and other zero emission vehicles to employees in support of our sustainability initiatives.
- Updated our travel policy to assure employees adopt appropriate and consistent travel practices in line
 with our sustainability goals. The updated policy released in November 2022 sets out guidance for
 assessing the need for travel, travelling in economy class and use of public transport over taxi/car
 rental.
- Reduced the number of company cars from 4 to 1 (75% reduction) with plans to retire the remaining car within the next financial year.
- We have been liaising with building management and looking into options to purchase GreenPower for our tenancies nationally. Where we do not have the ability to switch to GreenPower we have been investigating the possibility of purchasing LGCs direct from renewable energy suppliers and/or retailers instead of offsetting our scope 2 emissions via a different method.
- We are updating their procedure for managing waste data and re-educating staff on appropriate recycling.
- Implemented guidelines for catering procurement, encouraging sourcing all catering from a platform that provides sustainability ratings for all caterers and encourages selecting suppliers with 5-star sustainability ratings.
- We are in the process of implementing a Supplier Code of Conduct with includes Architectus' stance
 on sustainability and encourages suppliers to implement change where necessary to align with our
 values. This will be implemented in FY25.
- Started analysing the feasibility of all potential emissions reduction strategy actions identified to understand the practicality of implementing each initiative. Similar to FY23, in FY24 we have identified our most emissions intensive purchased goods and services as being the following categories (summarised below in order of highest carbon intensity), (comprising 83% of all professional services emissions). The main variance against the FY23 professional services data is that in FY24 accounting services, legal services and other technical services all contributed significantly less to the overall footprint, as a result of these activities being closely linked with the Conrad Gargett acquisition in FY23. To further reduce the emissions from professional services in FY24, Architectus appointed a tier one audit firm, replacing a smaller tier two firm and moved several IT services away from third party



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providers and brought these services back internally.

- 1. Subscriptions and periodicals (47%)
- 1. Computer and technical services (13%)
- 2. Entertainment (7%)
- 3. Food & catering (4%)
- 4. Education (3%)
- 5. Telecommunications (3%)
- 6. Accounting services (2%)

5.EMISSIONS SUMMARY

Emissions over time

	Emissions since base year							
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)					
Base year:	2022-23	3,548.11	3,548.11					
Year 1:	2023-24	3,343.36	3,343.36					

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							
Electricity (market- based method, scope 2)	553.53	490.57	A reduction in kWh electricity consumed during FY24 is primarily seen in Sydney due to the closure of two studios. • Suites 110 and 112, 26-32 Pirrama Rd, Sydney 2000 NSW – Moved out in March 2024 • L14, 60 Carrington St, Sydney 2000 NSW – Moved out in							
Subscriptions & periodicals	212.17	625.14	February 2024 Increase in spending on software licenses & subscriptions and inclusion of an additional subscriptions category within the assessment.							

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

N/A

Emissions summary

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

	Sum of Scope 1 emissions (tCO2-e)	Sum of Scope 2 emissions (tCO2-e)	Sum of Scope 3 emissions (tCO2-e)	Sum of Total emissions (t CO2-e)
Accommodation and facilities	0.00	0.00	36.66	36.66
Cleaning and chemicals	0.00	0.00	7.67	7.67
Construction materials and services	0.00	0.00	71.00	71.00
Electricity	0.00	490.57	60.56	551.14
Food	0.00	0.00	59.56	59.56
ICT services and equipment	0.00	0.00	217.21	217.21
Machinery and vehicles	0.00	0.00	20.56	20.56
Office equipment and supplies	0.00	0.00	23.32	23.32
Postage, courier and freight	0.00	0.00	7.89	7.89
Professional services	0.00	0.00	991.74	991.74
Refrigerants	1.28	0.00	0.00	1.28
Stationary energy and fuels	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	841.31	841.31
Transport (land and sea)	3.61	0.00	321.97	325.58
Waste	0.00	0.00	97.46	97.46
Water	0.00	0.00	12.97	12.97
Working from home	0.00	0.00	78.01	78.01
Grand Total	4.89	490.57	2847.90	3343.36

Uplift factors

N/A.

6.CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Australian Carbon Credit Units (ACCUs)	335	10.02%
Verified Carbon Units (VCUs)	3009	89.98%

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
South Australian Conservation Alliance - Site #2 - Hiltaba	ACCU	ANREU	1/11/2024	9,017,640,882 - 9,017,641,216	2024- 25	335	0	0	335	10.02%
Biodiverse Reforestation Carbon Offsets Yarra Yarra Biodiversity Corridor project, Australia	Tonne	Internal	31/10/2024	NWSA-B1- 23/0015935- 0016269	-					
Stapled to Solar Energy Project(s) by SB Energy Private Limited, India	VCU	Verra Registry	31/10/2024	8423-15991053- 15991387-VCS- VCU-997-VER- IN-1-1805- 01012018- 31122018-0	2018	335	0	0	335	10.02%

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Renewable Wind Power Project by Axis Wind Farms (Rayalaseema) Pvt. Ltd, India	VCU	Verra Registry	31/10/2024	13119- 472098074- 472100747-VCS- VCU-1491-VER- IN-1-2052- 01072021- 31122021-0	2021	2674	0	0	2674	79.96%
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Co-benefits

Co-Benefits - Biodiversity Reforestation Carbon Offsets (BRCO) – Australian Yarra Yarra Biodiversity Project

Biodiverse Reforestation Carbon Offsets are from the *Yarra Yarra Biodiversity Corridor*, a native reforestation project located in Southwest Australia ecoregion. *Yarra Yarra Biodiversity Corridor* aims to link small patches of remnant vegetation and nature reserves. This is achieved by planting mixed native tree, plant and shrub species on degraded ex-agricultural land. So far over 30 million shrubs and trees have been planted. Through planting species highly adapted to the region, the revegetation project encourages the reintroduction of endangered species and combats desertification in this global biodiversity hotspot. In addition to capturing carbon, these plantings provide crucial habitat for hundreds of species of unique flora and fauna.

As land use and forestry activities are recognised as requiring high levels of upfront finance to source land, to plant and to manage, we have supplemented local biodiverse reforestation carbon offsets from the *Yarra Yarra Biodiversity Corridor* with Climate Active eligible offset units. The following table indicates the independently reviewed co-benefits of this project and how this project contributes to the United Nation SDGs.

Table: Co-benefits of the Yarra Yarra Biodiversity Corridor, Australia

Co-benefits category	Core co- benefit	Co-benefit description/nature of potential co-benefit	UN Sustainable Development Goals
Environment	Biodiversity / ecosystem services	The Yarra Yarra project reconnects and restores fragmented and declining (remnant) woodland and shrubland which provides habitat for threatened flora and fauna.	Goal 15: Life on land
	Water Quality	Water quality is assumed to improve due to reduced surface runoff and reduction in sediment and nutrient loads in water catchments. Groundwater levels and salt concentrations are also expected to reduce over time.	Goal 6: Clean Water and Sanitation
	Soil Quality	Soil quality of the Yarra Yarra project area is expected to improve over time with soil organic matter increasing and salt concentrations declining.	Goal 15: Life on land
Economic	Local Employment and Skills	The establishment of plantations and conservation areas creates employment opportunities and skills development during the preparation, planting, management of the	Goal 3: Good Health and Well-being Goal 4: Quality
		Yarra Yarra project.	Education Goal 8: Decent Work and Economic Growth Goal 17: Partnerships for the goals
Social	Indigenous cultural heritage	The Yarra Yarra project recognises and continues to protect significant cultural heritage sites that are located in the project area. This is assumed to strengthen cultural heritage and support spiritual re-connection to country which potentially has positive impacts on mental health and wellbeing of indigenous communities.	Goal 3: Good Health and Well-being Goal 17: Partnerships for the goals



7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A



APPENDIX A: ADDITIONAL INFORMATION

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Purpose of retirement
Biodiverse Reforestation Carbon Offsets Yarra Yarra Biodiversity Corridor project, Australia	Tonne	Internal	31/10/2024	NWSA-B1- 23/0015935- 0016269	-	335	To support another Australian-based reforestation projec

Transaction ID AU36880
Current Status Completed (4)

Status Date 01/11/2024 09:58:08 (AEDT)

31/10/2024 22:58:08 (GMT)

Transaction Type Cancellation (4)

Transaction Initiator Allen, Jessica Amanda

Transaction Approver Daher, Charbel

Comment

Retired by GreenCollar on behalf of Architectus Services HoldCo Pty Ltd (Architectus) to support its FY2023-24 Climate Active carbon neutral certification.

Transferring Account

Account AU-1117 Number

Number

Account Name Terra Carbon Pty Ltd

Account Holder Terra Carbon Pty Limited

Acquiring Account

Account AU-1068

Number

Account Name Australia Voluntary Cancellation

Account

Account Holder Commonwealth of Australia

Transaction Blocks

<u>Party</u>	<u>Type</u>	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	<u>Vintage</u>	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			ERF139932					2024-25		9,017,640,882 - 9,017,641,216	335

Transaction Status History

 Status Date
 Status Code

 01/11/2024 09:58:08 (AEDT)
 Completed (4)



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.



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Market-based approach	Activity Data (kWh)	Emissions	Renewable percentage of
market-based approach	Activity Data (KWII)	(kg CO ₂ -e)	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	0	0	0%
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)	139,489	0	19%
Residual Electricity	605,646	551,138	0%
Total renewable electricity (grid + non grid)	139,489	0	19%
Total grid electricity	745,135	551,138	19%
Total electricity (grid + non grid)	745,135	551,138	19%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	605,646	551,138	
Scope 2	539,091	490,573	
Scope 3 (includes T&D emissions from consumption under operational control)	66,554	60,565	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	18.72%
Mandatory	18.72%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO ₂ -e)	490.57
Residual scope 3 emissions (t CO ₂ -e)	60.56
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	490.57
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t ${\rm CO}_2$ -e)	60.56
Total emissions liability (t CO ₂ -e)	551.14
Figures may not sum due to rounding. Renewable percentage can be above 100%	

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Unde	er operational	control		t under onal 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	300,035	300,035	204,024	15,002	0	0
SA	36,484	36,484	9,121	2,919	0	0
VIC	104,691	104,691	82,706	7,328	0	0
QLD	278,822	278,822	203,540	41,823	0	0
NT	0	0	0	0	0	0
WA	25,103	25,103	13,305	1,004	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	745,135	745,135	512,695	68,076	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)	745,135					

Residual scope 2 emissions (t CO ₂ -e)	512,70
Residual scope 3 emissions (t CO ₂ -e)	68.08
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	512.70
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	68.08
Total emissions liability	580.77

Operations in Climate Active buildings and precincts

Operations in Climate Active ballatings and precincts		
Operations in Climate Active buildings and precincts	Electricity consumed in	Emissions
	Climate Active certified	(kg CO ₂ -e)
	building/precinct (kWh)	
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These Active member through their building or precinct certification. This electric location-based summary tables. Any electricity that has been sourced as market-based method is outlined as such in the market-based summary to	ity consumption is also included in renewable electricity by the buildin	the market based and

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. The Active member through their electricity product certification. This electrication-based summary tables. Any electricity that has been sourced market-based method is outlined as such in the market-based summar	ricity consumption is also included in t as renewable electricity by the electric	the market based and



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 <u>one</u> 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. <u>Data unavailable</u> 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
Ethiopia Office Related Emissions (staff commuting, office waste, office equipment etc)	Immaterial: The Ethiopia office is a small studio operating out of Addis Ababa, estimated to comprise less than <0.5% of Architectus' operations. Emissions associated with office operations (e.g. waste, office equipment) and staff (e.g. business travel, commuting) are estimated to be <1% of the modelled footprint. Emissions associated with electricity were quantified in FY23 and resulted in less than 0.3tCO2-e (<0.01% of the FY23 emissions footprint).

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:

- <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
- 2. <u>Influence</u> 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.
- 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	N/A	N/A	N/A	N/A	N/A	N/A



