



PUBLIC DISCLOSURE STATEMENT


STUDIO NINE ARCHITECTS

**ORGANISATION CERTIFICATION
FY2021–22**

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Studio Nine Architects Pty Ltd (T/A Studio Nine Architects)	
REPORTING PERIOD	1 July 2021 – 30 June 2022 Arrears	
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> 	
	John Galluccio Managing Director Architect 24 October 2022	Tony Zappia Director Architect 24 October 2022
	Justin Cucchiarelli Director Architect 24 October 2022	Andrew Steele Director Architect 24 October 2022
	Mandy Goehr Director Interior Designer 24 October 2022	



Australian Government

**Department of Climate Change, Energy,
the Environment and Water**

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Version March 2022.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	266.6 tCO ₂ -e
OFFSETS BOUGHT	32% CERs, 68% VCU's
RENEWABLE ELECTRICITY	40.58%
TECHNICAL ASSESSMENT	Date: 14/06/22 Name: Nathan Lawry Organisation: Stantec Australia Pty Ltd Next technical assessment due: FY 2022/23

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Climate Active Carbon Neutral verification covers the Australian business operations of Studio Nine Architects ("Studio 9 Architects Pty Ltd"), 67 096 031 604.

This Public Disclosure Statement represents the reporting period 1 July 2020 to 30 June 2021.

The carbon account has been prepared in accordance with Climate Active Carbon Neutral Standard for Organisations. This entails using recognised emission factors and methods for carbon accounting published in Australia, such as the National Greenhouse Accounts (NGA) Factors, and the work of the international corporate accounting and reporting standard The Greenhouse Gas Protocol.

The greenhouse gasses included in the Carbon account are the seven gasses reported under the Kyoto Protocol, carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), Sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). The gases are expressed in carbon equivalents (CO₂-e), providing the ability to present greenhouse gas emissions as one unit.

As design leaders Studio Nine are continually pursuing change and aim to think more holistically about architecture and design.

Through our leadership we strive for a socially conscious, equitable and sustainable future for all.

Organisation description

Studio 9 Architects Pty Ltd, T/A Studio Nine Architects (ABN: 67 096 031 604) is an Adelaide based, privately owned architecture and interior design studio.

Established in 1998, the practice operates from 9 King William Street, Kent Town, a purpose-built, modern, open-plan design studio. The practice consists of 40-50 Architects, Interior Designers, Architectural Technicians and support staff, led by five Directors varying in background and area of specialisation.

The organisation provides architectural and design services for a diverse portfolio of projects across Australia within the private, public and not-for-profit sectors. The vast majority of our work is completed within our Kent Town studio, with intra and interstate travel required for key site visits and face-to-face meetings.

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	N/A	N/A
Air Transport		
Construction Materials and Services		
Electricity		
Food		
ICT services and equipment		
Land and Sea Transport		
Office equipment and supplies		
Postage, courier and freight		
Professional Services		
Refrigerants		
Waste		
Water		

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

Target:

50% reduction in total emissions by 2030

Strategy:

Scope	Item	Action	Reduction	Timeframe
1	Refrigerants	reduction in leaked refrigerants via annual inspection and maintenance regime	minimum 50% of refrigerant emissions	starting from 2022/2023 FY.
1	Refrigerants	Investigate reduced GWP (R32 etc) refrigerant options	67% of refrigerant emissions	when upgrading/replacing HVAC by 2025 otherwise
2	Electricity	Investigate and procure carbon neutral or renewable electricity for 100% of electricity requirements	100% of electricity emissions	by 2025
2	Electricity	Implement energy management system with regular reviews and training of staff. Implement relaxed set points, procure more energy efficient equipment etc. Sustainability team to review, report and implement each year	10% reduction year on year	starting 22/23 FY
3	Water	Implement water management system with regular reviews and training of staff. Implement policy of replacing fixtures with higher WELS rated items, education, monitoring etc. Sustainability team to review, report and implement each year	10% reduction year on year	starting 22/23 FY
3	Transport	Modal shift to public transport (train, tram, bus) by encouraging, rewarding and promoting public transport options	10%	2025

3	Transport	Modal shift to cycling by encouraging, rewarding and promoting cycling options	10% in total travel emissions	2025
3	Transport	Shift to hybrid/EV for all company owned cars	50% reduction of emissions associated with company owned cars	2030
3	Transport	Increase portion of car pooling	5% reduction in total travel emissions	2025
3	Transport	Reduce travel by using high quality video conferencing	15% reduction in total travel emissions	2030
3	ICT and equipment	Investigate options for lease, buy back, recycling or carbon neutral suppliers	30% reduction in related emissions	2030
3	Telecomms	Investigate carbon neutral suppliers for mobile phones	100% of related emissions	2027
3	Paper supply	Investigate carbon neutral suppliers	100% of paper	2030
3	Food	Increase portion of vegetarian options for on-site catering	30% of all food	2030
3	Waste	Investigate composting options for organic waste including on site compost bin, bokashi, worm farm etc	30% of organic food waste related emissions	2030
3	Waste	Implement waste stream separation, including e-waste	20% of waste emissions	2025
3	Flights	Ensure all flights select opt-in carbon offset option, reduce travel via policy and video conferencing	100% of all air travel emissions	2023
3	Printers and toners	Investigate options for recycled and/or carbon neutral suppliers	100% of all printer and toner related emissions	2030

Emissions reduction actions

The following actions were completed in the 21/22 financial year:

- Increased number of flights opting for voluntary carbon offset scheme
- Implemented regular energy and water management reviews via Sustainability Team meetings
- Minimised energy usage through the use of natural daylight and ventilation
- Minimised travel by enabling effective video and tele-conferencing
- Increased vegetarian options for company supplied catering
- Encouraged staff to become involved in sustainability initiatives, sharing information and overall increased awareness and engagement internally
- Implemented additional waste stream collection for operational waste
- Selected environmentally friendly materials in office fitout
- Continued focus on project works to improve sustainability outcomes of the built form we contribute to
- Investigated expansion of Solar PV system
- Assess and service refrigerants annually
- Engage the services of an Environmental/Sustainability Consultant where possible
- Commit and undertake calculations of our total carbon account for FY23 in accordance with the Climate Action Carbon Neutral Standard

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year			Total tCO ₂ -e
Base year/Year 1:	2020–21		147
Year 2:	2021–22		267

Significant changes in emissions

In general, emissions have increased post-COVID lockdown with increased business activity, associated travel and resource consumption.

Substantial changes in emissions are summarised below:

Emission source	Previous reporting period		This reporting period		% change	% contribution to inventory	Reason for change	Detailed reason for change
	Activity Data	Total Emissions (kg CO ₂ -e)	Activity Data	Total Emissions (kg CO ₂ -e)				
Repairs and Maintenance	80,778	289	80,778	19,661	6700	8	other	Included fit out costs which do not happen often, hence very large increase
Total net electricity emissions (Market based)	19,871	19,871	33,543	33,543	69	13	other	increase in leased tenancies and overall staff
Food & catering	28,723	11,142	66,375	25,747	131	10	other	increase in lunches, dinners post covid
Computer and technical services	42,393	37,894	273,239	7,564	545	15	other	increase in IT equipment procurement, replacement of older equipment etc
Marketing and distribution			61,519	29,986	-	12	other	Added for this year as part of relevant quantified scope, not included previously
Petrol: Medium Car	216,390	40,376	233,841	56,241	8	22	other	Increase due to more travel post covid

Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
Qantas	Voluntary flight carbon offset scheme
Virgin	Voluntary flight carbon offset scheme

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 ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0.0	0.0	0.3	0.3
Construction Materials and Services	0.0	0.0	19.7	19.7
Electricity	0.0	33.5	0.0	33.5
Food	0.0	0.0	25.7	25.7
ICT services and equipment	0.0	0.0	43.7	43.7
Office equipment & supplies	0.0	0.0	2.0	2.0
Postage, courier and freight	0.0	0.0	0.5	0.5
Professional Services	0.0	0.0	37.6	37.6
Refrigerants	0.1	0.0	0.0	0.1
Transport (Air)	0.0	0.0	7.0	7.0
Transport (Land and Sea)	0.0	0.0	59.8	59.8
Waste	0.0	0.0	17.4	17.4
Water	0.0	0.0	7.0	7.0
Working from home	0.0	0.0	-0.5	-0.5
Total	0.1	33.5	220.3	253.9

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
General factor to allow for data assumptions, minor inconsistencies etc	12.7
Total of all uplift factors	12.7
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	266.6

6. CARBON OFFSETS

Offsets retirement approach




In arrears	
1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	266.6
3. Total eligible offsets required for this report	266.6
4. Total eligible offsets purchased and retired for this report	267
5. Total eligible offsets banked to use toward next year's report	0







Co-benefits

Studio Nine has chosen to support the Yarra Yarra Biodiversity Corridor, a native reforestation project located in Southwest Australia. The table indicates the co-benefits of this project and how this project contributes to the United Nation SDGs.

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.

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	Goal 15: Life on land	

		salt concentrations declining.		
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 Yarra Yarra project.	<p>Goal 3: Good Health and Well-being</p> <p>Goal 4: Quality Education</p> <p>Goal 8: Decent Work and Economic Growth</p> <p>Goal 17: Partnerships for the goals</p>	   
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.	<p>Goal 3: Good Health and Well-being</p> <p>Goal 17: Partnerships for the goals</p>	 

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 (tCO ₂ -e)	Eligible quantity (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 (%)	
Biodiverse Reforestation Carbon Offsets ¹ , Yarra Yarra Biodiversity Corridor, Western Australia	-	-	25 October 2022	12PWA314332B - 12PWA314417B		86	-	-	-	-	-	
Stapled to IN-4463 Metro Delhi Project, India	CER	ANREU	25 October 2022	239,747,437 - 239,747,522	CP2 (2014-2016)	-	86	0	0	86	32%	
Vajrakarur Wind Power Project in Andhra Pradesh, India	VCU	Verra	25 October 2022	6478-322908530-322908710-VCU-034-APX-IN-1-1214-01012017-31122017-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=114695	2017	181	181	0	0	181	68%	
Total offsets retired this report and used in this report2017											267	
Total offsets retired this report and banked for future reports									267			

¹ Australian Native Reforestation Yarra Yarra Biodiversity Corridor offsets are Gold Standard Predicted Emissions Reduction units, so have been stapled with an equal number of eligible offsets under the Climate Active program

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	267	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not Applicable

APPENDIX A: ADDITIONAL INFORMATION

No items to note.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-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 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 & 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)	11,239	0	19%
Residual Electricity	49,217	48,969	0%
Total grid electricity	60,456	48,969	19%
Total Electricity Consumed (grid + non grid)	60,456	48,969	19%
Electricity renewables	11,239	0	
Residual Electricity	49,217	48,969	
Exported on-site generated electricity	21,130	-15,425	
Emissions (kgCO ₂ e)		33,544	

Total renewables (grid and non-grid)

18.59%

Mandatory

18.59%

Voluntary

0.00%

Behind the meter

0.00%

Residual Electricity Emission Footprint (TCO₂e)

34

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	60,456	18,137	4,232
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	60,456	18,137	4,232
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
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	60,456	18,137	4,232

Emission Footprint (TCO2e)	22
<i>Scope 2 Emissions (TCO2e)</i>	18
<i>Scope 3 Emissions (TCO2e)</i>	4

APPENDIX C: INSIDE EMISSIONS BOUNDARY

N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

N/A



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