



PUBLIC DISCLOSURE STATEMENT

STUDIO NINE ARCHITECTS

ORGANISATION CERTIFICATION


FY2020–2021

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Studio 9 Architects Pty Ltd (T/A Studio Nine Architects)						
REPORTING PERIOD	1 July 2020 – 30 June 2021						
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> 						
	<table border="0"> <tr> <td>John Galluccio Managing Director Architect 8 April 2022</td> <td>Tony Zappia Director Architect 8 April 2022</td> </tr> <tr> <td>Justin Cucchiarelli Director Architect 8 April 2022</td> <td>Andrew Steele Director Architect 8 April 2022</td> </tr> <tr> <td>Mandy Goehr Director Interior Designer 8 April 2022</td> <td></td> </tr> </table>	John Galluccio Managing Director Architect 8 April 2022	Tony Zappia Director Architect 8 April 2022	Justin Cucchiarelli Director Architect 8 April 2022	Andrew Steele Director Architect 8 April 2022	Mandy Goehr Director Interior Designer 8 April 2022	
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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	154 tCO ₂ -e
OFFSETS BOUGHT	100% CER
RENEWABLE ELECTRICITY	Total renewables 19%
TECHNICAL ASSESSMENT	Date: 14/06/2022 Name Nathan Lawry Organisation Stantec Australia Pty Ltd Next technical assessment due: 31 October 2022
THIRD PARTY VALIDATION	Type 1 Date: 14/06/2022 Name Melinda Hughes Organisation: RCR Partners

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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 gases 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

Studio Nine Architects' emissions boundary has been developed in line with the Climate Active medium organisation and the external inventory spreadsheet. The medium organisation boundary has been used as per below and incorporates emission sources which are within the organisation's operational control.

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
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accomodation and Facilities 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 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>N/A</p>

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

Studio Nine Architects are committed to reducing our carbon footprint.

We will minimise our operational footprint by:

- Minimising our general waste and implement recycling initiatives
- Encouraging the organisation to reduce the use of paper and minimise printing
- Minimising energy usage through the use of natural daylight and ventilation (as opposed to using lights and air-conditioning)
- Assess and service refrigerants annually
- Encouraging transport to and from work, to meetings and to events via cycling, public transport or carshares, including installing bike racks and storage facilities at our Kent Town studio
- Purchasing products that are highly recyclable and / or made with recycled content
- Changing our energy provider to a Carbon Neutral entity by 2023
- Minimising travel by enabling effective video and tele-conferencing
- Purchase offsets for all unavoidable flights
- Undertaking a calculation of our total carbon account for FY22 in accordance with the Climate Action Carbon Neutral Standard
- Implementing a vegetarian menu for organisation events
- Encourage staff to become involved in sustainability initiatives

We will seek to minimise the footprint of the projects we design by:

- Implementing passive sustainable design principles on all projects (solar orientation, passive ventilation, daylight analysis, geo-thermal heating and cooling, thermal wall mass, grey water recycling, innovative lightweight wall solutions, double glazed windows with thermal breaks)
- Seeking to specify locally sourced / manufactured products, highly recyclable products or products that contain recycled content, or products with reduced life-cycle costing
- Engage the services of an Environmental/Sustainability Consultant where possible
- Proactively seek partners that align with our values and commitment to sustainability

In the coming certification period, we commit to investigating the following initiatives with quantified carbon savings identified:

- 100% renewable energy or carbon neutral supply agreement reducing carbon footprint by 19.8t
- Additional 15% of staff commuting by public transport: 5.8t reduction
- Additional 10% of staff cycling to work: 4.0t reduction
- Annual refrigerant check and maintenance: 3.0t reduction
- Increasing temperature set point controls in office: 0.6t reduction
- Increased Energy Monitoring: 1.9t reduction
- Purchasing carbon neutral paper: 0.5t reduction
- Recycling e-Waste: 3.8t reduction
- Offsetting all flight travel: 2.5t reduction
- Reduce water consumption by 10%: 1t reduction
- Recycle organic waste: 2t reduction
- Increase vegetarian options at work sponsored events: 1.1t reduction
- Find carbon neutral supplier of printing: 3.3t reduction

5. EMISSIONS SUMMARY

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 total emissions (tCO ₂ -e)
Accommodation and facilities	0.11
Air Transport (km)	2.52
Construction Materials and Services	0.29
Electricity	19.87
Food	11.14
ICT services and equipment	10.50
Land and Sea Transport (km)	45.30
Office equipment & supplies	22.48
Postage, courier and freight	0.21
Professional Services	0.02
Refrigerants	6.04
Waste	17.44
Water	10.19
Grand Total	146.12

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
Uplift factor to account for estimations used in calculations	7.3
<i>Total footprint to offset (uplift factors + net emissions)</i>	153.4

6. CARBON OFFSETS

This is Studio Nine Architects' first year of carbon neutral accreditation and we have opted to an 'arrears' approach for purchasing offsets. We will calculate our carbon inventory annually and will purchase at the end of each inventory year the quantity of offsets units required.

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	153.4
3. Net offset balance for this reporting period	0
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	153.4









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 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 Yarra Yarra project.	Goal 3: Good Health and Well-being Goal 4: Quality 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	 

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	Quantity	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 claim	Percentage of total (%)
Biodiverse Reforestation ¹ Carbon Offsets, Yarra Yarra Biodiversity Corridor, Western Australia	Reforestation	Internal	12 July 2022	12PWA301589B - 12PWA301638B	-	50	-	-	-	-	33
<u>Stapled to</u> CN-316 China Wind Farm, China	CDM-CER	ANREU	12 July 2022	1,011,290,457 - 1,011,290,506	CP2 (2013-2016)	50	50	0	0	50	
IN-4463 Metro Delhi Project, India	CDM - CER	ANREU	12 July 2022	239,729,618 - 239,729,721	CP2 (2014-2016)	104	104	0	104		67
Total offsets retired this report and used in this report										154	
Total offsets retired this report and banked for future reports									0		

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)	154t	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
<i>Total LGCs surrendered this report and used in this report</i>							0		

APPENDIX A: ADDITIONAL INFORMATION

It was clarified with the business that COVID restrictions were not applied in South Australia during the reporting period and hence no working from home impacts were included.

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)	7,847	0	19%
Residual Electricity	33,616	36,073	0%
Total grid electricity	41,463	36,073	19%
Total Electricity Consumed (grid + non grid)	41,463	36,073	19%
Electricity renewables	7,847	0	
Residual Electricity	33,616	36,073	
Exported on-site generated electricity	20,771	-16,201	
Emission Footprint (kgCO ₂ e)		19,871	

Total renewables (grid and non-grid)	18.93%
Mandatory	18.93%
Voluntary	0.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO₂e)	20
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Emissions (kgCO2e)
ACT	0	0
NSW	0	0
SA	41,463	21,561
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	41,463	21,561
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	41,463	21,561
Emission Footprint (TCO2e)	22	

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
<i>Enter product name/s here</i>	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.



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