



PUBLIC DISCLOSURE STATEMENT

SYDNEY ENVIRONMENTAL GROUP PTY LTD

**ORGANISATION CERTIFICATION
CY2021**

Australian Government

Climate Active Public Disclosure Statement



**Sydney
Environmental**
Group



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Sydney Environmental Group Pty Ltd (ABN 14 631 026 214)
REPORTING PERIOD	Calendar year 1 January 2021– 31 December 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> <p><i>Steven Wallace</i></p> <hr/> <p>Name of signatory: Steven Wallace Position of signatory: Managing Consultant Date: 30/06/2022</p>



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

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	17.52 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	N/A for small organization certification

Contents

1. Certification summary	3
2. Carbon neutral information.....	4
3. Emissions boundary	5
4. Emissions reductions.....	7
5. Emissions summary	8
6. Carbon offsets.....	11
7. Renewable Energy Certificate (REC) Summary.....	13
Appendix A: Additional Information	14
Appendix B: Electricity summary.....	15
Appendix C: Inside emissions boundary	16
Appendix D: Outside emissions boundary	16

2. CARBON NEUTRAL INFORMATION

Description of certification

Sydney Environmental Group is certified carbon neutral for its Australian business operations under the Climate Active Standard for Organisations. Calendar year 2020 acted as our base year carbon account and the certification is now renewed for the calendar year 2021, from 1 January 2021 to 31 December 2021.

This inventory covers the Australian business operations of Sydney Environmental Group Pty Ltd. 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 location and facility:

- Unit 63/45 Huntley St, Alexandria NSW 2015

Organisation description

Sydney Environment Group Pty Ltd (ABN: 14 631 026 214) is an environmental consulting firm, whose core business is the assessment, remediation and management of contaminated land. With a team of 14 full time employees, we have successfully formulated client-focused strategies for residential development sites, large scale infrastructure projects and complex commercial / industrial sites with multifaceted contamination issues, managing the process from pre-development phase through to delivery phase. Our technical knowledge of local, state and national legislation combined with our experience throughout Australia, allows us to take an innovative approach to solving our clients' contamination issues.

"The need to take action on climate change is critical, now more than ever.

Becoming a carbon neutral organisation and gaining Climate Active certification demonstrates our ongoing commitment to reducing our environmental impact today for a better tomorrow."

3.EMISSIONS BOUNDARY

Sydney Environmental Group is small organisation certification, which uses the standard Climate Active small organisation 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>
Carbon Neutral Paper	N/A	Laboratory Services*
Domestic Hotel Accommodation		
Food and Catering		
IT Equipment		
Office Furniture		
Software		
Staff Clothing		
Stationary		
Taxi		
Telecommunications		
Transport Fuels		
Waste - Landfill & Recycling		
Working from home		

* Laboratory Services have been excluded as it doesn't meet the relevance test. Refer to Appendix D for more details.

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

Sydney Environmental Group is always working toward reducing its impact on the environment and has identified actions to further reduce the carbon footprint within its operations by setting clear goals and actions in the short term (next 1-2 years) and medium term (3-5 years).

2022 and 2023

- Prioritizing digital documentation and working towards a paperless organisation. The implementation of a new app built in house is currently in progress and it is aimed to remove all paper by 2023.
- Encouraging staff to commute by cycling and walking more.
- Exploring new ways to reduce emissions using technology such as video conferencing, both internally and with clients, to reduce travel whenever possible.

2024 onwards

- Aiming to replace our existing fleet with hybrid electric vehicles and, as the technology advances, aiming to move towards fully electric vehicles within the next 5 years whilst ensuring the electricity we use to charge the vehicles comes from renewable energy sources.
- Aiming to purchase more products and services that are certified Climate Active Carbon Neutral.

By implementing these measures, Sydney Environmental Group is estimating to reduce its future emissions across its operations by 30% by 2028, from a 2020 base year.

Emissions reduction actions

Actions implemented in 2021

- SEG Environmental Policy is ISO14001 accredited and regularly updated as the business transitions its operations to be more sustainable.
- Current assessment of SEG's emissions identifies transport as the primary emissions source, a category that offers great potential for reduction in the near term. Since the base year, two new hybrid electric vehicles have been introduced into the fleet.
- Energy and water consumption have been minimised through sustainable behaviours, such as turning off lights and equipment when not in use.
- New products and services that are certified Climate Active Carbon Neutral (i.e. paper supplies) have been purchased.

5. EMISSIONS SUMMARY

Emissions over time

Sydney Environmental Group is a small organisation and relatively new, being founded in 2019.

Since then, it has faced significant business growth which has resulted in an increase of the overall CO₂ emissions compared to 2020 base year.

Emissions since base year		Total tCO ₂ -e
Base year/Year 1:	2020	10.89
Year 2:	2021	17.52

Significant changes in emissions

Following the first reporting period in 2020, SEG has grown organically by doubling the number of full time employees, and increasing the number of clients, projects and services provided.

In addition to this, compared to the first reporting period in 2020 when SEG was operating entirely offsite with employees working from home. As of 2021, a new office has been established in Alexandria (NSW) and additional costs have been incurred; these include new vehicles, new equipment and furniture.

There are some significant changes that can be seen which are listed in more detail below.

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Food & Catering	0.78	0.12	Significant increase due to business development and new hires. For context, the company is small; so every change can have a large effect.
Waste	1.85	0.55	Increase due to organic growth and new office space being established.
Fuel - Large Car	9.62	7.97	Increase due to business growth, doubled the number of new hires, and therefore new vehicles have been purchased in order for employees to carry out their work.
ICT services and equipment	1.97	0.89	Increase due to new employees being hired.

Office equipment & supplies	0.62	0.07	Increase due to transition from a business model of WFH in 2020 to a hybrid model in 2021. SEG established its operations at a new office space and therefore furniture, various equipment and supplies have been purchased.
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Use of Climate Active carbon neutral products and services

Carbon neutral A4 Reflex paper was purchased in CY2021.

Organisation emissions summary

No tenancy or base building electricity was consumed by Sydney Environmental Group Pty Ltd in CY2020 as all employees were working from home, with no designated office space. In CY2021, employees worked from home over a six month period due to Covid-19 restrictions. The emissions associated with electricity consumption have already been factored into the working from home emissions.

For the remaining six months of CY2021, employees were able to work from the office. The electricity consumption in the office in Alexandria is carbon neutral, with SEG paying an additional annual fee to the energy supplier to offset these emissions.

Proof of electricity offset is available in the Appendix B.

Row Labels	Sum of Scope 3 (TCO2e)	Sum of Total Emissions (TCO2e)
Accommodation and facilities	0.08	0.08
Bespoke	0.00	0.00
Cleaning and Chemicals	0.00	0.00
Climate Active Carbon Neutral Products and Services	0.00	0.00
Construction Materials and Services	0.00	0.00
Electricity	0.00	0.00
Food	0.78	0.78
Horticulture and Agriculture	0.00	0.00
ICT services and equipment	1.97	1.97
Machinery and vehicles	0.00	0.00
Office equipment & supplies	0.62	0.62
Postage, courier and freight	0.00	0.00
Products	0.16	0.16
Professional Services	0.00	0.00
Refrigerants	0.00	0.00
Roads and landscape	0.00	0.00
Stationary Energy (gaseous fuels)	0.00	0.00
Stationary Energy (liquid fuels)	0.00	0.00
Stationary Energy (solid fuels)	0.00	0.00
Transport (Air)	0.68	0.68
Transport (Land and Sea)	9.62	9.62

use for duplicates	0.00	0.00
Waste	1.85	1.85
Water	0.00	0.00
Working from home	0.94	0.94
Grand Total	16.69	16.69

Uplift factors

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.

As we are certified as a small organisation, the standard 5% uplift has been applied to the emissions total.

Reason for uplift factor	tCO ₂ -e
Compulsory additional 5% of the total to be added for small organisations	0.83
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	17.52

6. CARBON OFFSETS

Offsets retirement approach

Ongoing report - In arrears		
1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	18
3.	Total eligible offsets required for this report	18
4.	Total eligible offsets purchased and retired for this report	20
5.	Total eligible offsets banked to use toward next year's report	2

Co-benefits

Deforestation attributes to about 20% of global warming, reducing the Earth's capacity to absorb carbon dioxide. The activities implemented by the developer of this project will benefit the climate, community and biodiversity.

The Madre de Dios Amazon REDD Project consists of 100,000 hectares of rainforest, located in the Peruvian Amazon, only 400 km from the historic sanctuary of Machu Picchu, the "Lost City of the Incas". The area is located less than 30 km to the side of the new inter-oceanic road that has recently united Brazil with Peru. The project is within the region that belongs to the Ecological Corridor Vilcabamba-Amoró, one of the world's greatest biodiversity hotspots. This charismatic boutique project will dramatically reduce deforestation in the Peruvian Amazon and protect the habitat of 35 endangered species and the livelihood of local indigenous communities such as the Yine, Huitoto, Mashco Piro, Yora and Amahuaca tribes who rely on the forest for their survival.

Members of the nearby communities will have the opportunity to attend workshops offered in security as well as technical training on sustainable agriculture and forest management.

Saving the forests of the Amazon is truly the right move to make.

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	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 (%)
Madre de Dios Project - Amazon Rainforest Peru	VCUs	Verra	06/07/2022	https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=136432 6151-282302312-282302331-VCU-006-MER-PE-14-844-01012015-31122015-0	1/01/2015 – 31/12/2015	N/A	20	0	2	18	100% As a percentage = (Eligible quantity used for this reporting period / total offsets retired this report and used in this report) *100 = %
Total offsets retired this report and used in this report										18	
Total offsets retired this report and banked for future reports									2		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	18	90%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

1. Large-scale Generation certificates (LGCs)*	N/A
2. Other RECs	N/A

* 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.

APPENDIX A: ADDITIONAL INFORMATION

Proof of offset units transaction and cancellation of offset.



This is to certify that

Sydney Environmental Group

has permanently surrendered

20 tonnes of CO₂-e emissions

by investing in carbon offsets.

Thank you for choosing to make a difference to our planet
and future generations by combating climate change.



Encouraging positive social, environmental
and economic change with solutions that help
overcome the effects of the climate crisis.

Carbon Neutral Pty Ltd is regulated by the Australian
Securities and Investments Commission and holds
Australian Financial Services Licence Number 400004.

Ray Wilson | Chief Executive Officer

Issue Date: 30 June 2022

Carbon Neutral Pty Ltd will retire the above emission allowances from the pool of offsetting credits at the
corresponding registry on behalf of the recipient of this certificate.

APPENDIX B: ELECTRICITY SUMMARY

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
Energy Australia	1.788.000	0
<i>Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.</i>		

In CY2021, Sydney Environmental Group employees worked from home over a six month period due to Covid-19 restrictions. The emissions associated with electricity consumption have already been factored into the working from home emissions.

For the remaining six months of CY2021, employees were able to work from the office. The electricity consumption in the office in Alexandria was carbon neutral, with SEG paying an additional annual fee to the energy supplier Energy Australia to offset these electricity emissions.

Proof of electricity offset is available below.

EnergyAustralia Pty Ltd
ABN 99086014968
697 Collins Street
Docklands
Victoria 3008



TAX INVOICE

ATTENTION: Accounts Payable Department
SYDNEY ENVIRONMENTAL GROUP PTY LTD
63,45 Huntley ST
ALEXANDRIA NSW 2015
Australia

Invoice Number: 1800000402
Customer Number: 32
Your Reference: INVOICECUSTOMER
Issue Date: 27/01/2021
Amount Due: \$360.00
Due Date: 28/02/2021

Enquiries: Phone:
Email:

Item	Description	Qty	Unit Price	GST	Total
1	Business Carbon Neutral 12 month Small (Pro Rata)	0.00	\$327.27	\$32.73	\$360.00
Totals			\$327.27	\$32.73	\$360.00
Total Amount Due (including GST)					\$360.00

PAYMENT SENT

Reference no. H9462725166


Amount **\$360.00**

To **Energy Australia**
Energy Australia
BSB: 063-010 Acc: 10-763-043

When **Today, 1 Feb 2021**

Reference **1800000402**

Description **Customer number: 32**

Service **Osko** 
This should take less than a minute. If the payee's account can't receive Osko Payments, it'll take 1 to 2 business days to process.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

N/A.

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one 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. **Data unavailable** 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct'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:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** 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.
5. **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.

Emission Laboratory Services has been excluded as it has been assessed as not relevant according to the relevance test.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Laboratory Services	Yes	No	No	No	No	No



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