



PUBLIC DISCLOSURE STATEMENT

SYDNEY ENVIRONMENTAL GROUP PTY LTD

**ORGANISATION CERTIFICATION
CY2020**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Sydney Environmental Group Pty Ltd

REPORTING PERIOD: Calendar year 1 January 2020 – 31 December 2020

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.

Signature *Steven Wallace*

Date: 08/12/2021

Name of Signatory: Steven Wallace

Position of Signatory: Managing Consultant



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the calendar year from 1 January 2020 to 31 December 2020 and covers the Australian business operations of Sydney Environmental Group Pty Ltd ABN: 14 631 026 214.

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 Street, Huntley 2015 NSW

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

Organisation description

Sydney Environment Group's (SEG) core business is the assessment, remediation and management of contaminated land. Our team has 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.

"At SEG, recognizing the link between the environment and the health and wellbeing of the planet is a fundamental part of our core business. Becoming carbon neutral is a critical step in further demonstrating that recognition as we move toward a more sustainable future."

2. EMISSION BOUNDARY

Diagram of the certification boundary

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary.



Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

Laboratory Services have been excluded as it doesn't meet the relevance test. Refer to Appendix 1 for more details.

"We are proud to be recognised as a carbon neutral organisation. The certification demonstrates our ongoing commitment to reducing our environmental impact today for a better tomorrow."

3. EMISSIONS SUMMARY

Emissions reduction strategy

SEG is always working to reduce its impact on the environment. Our Environmental Policy is ISO14001 accredited and regularly updated as we transition our business operations to be more sustainable.

Current assessment of our emissions identifies transport as our primary emissions source, a category that offers great potential for reduction in the near term. As the technology advances, we will aim to replace our existing fleet with hybrid/electric vehicles. We will continue to work on developing and implementing an emissions reduction strategy over the next two years.

Emissions summary (inventory)

Table 1

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	0.05
Carbon neutral products and services	0.00
Food	0.12
ICT services and equipment	0.89
Land and Sea Transport (fuel)	7.97
Office equipment & supplies	0.07
Products	0.19
Taxi Expenditure	0.01
Waste	0.55
Working from home	0.52
<i>Total Net Emissions</i>	10.37

Uplift factors

Table 2

Reason for uplift factor	tonnes CO ₂ -e
Small organisation compulsory uplift	0.52
<i>Total footprint to offset (uplift factors + net emissions)</i>	10.89

Carbon neutral products

Carbon neutral A4 Reflex paper was purchased in CY2020.

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

Electricity summary

No tenancy or base building electricity was consumed by Sydney Environmental Group Pty Ltd in CY2020 as all employees working from home, with no designated office space. The emission associated with electricity consumption have already been factored into the working from home emissions.

4. CARBON OFFSETS

Offsets strategy

Table 3

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	11
3. Net offset balance for this reporting period	11
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	11

Co-benefits

Pacajai REDD+ Project is working to provide legal land-use permits that will result in official land titles for those villages that actively participate in forest protection. Through funds raised, the project can continue to improve food security through agroforestry techniques, while introducing sustainable livelihood alternatives to local communities. With over 56,000 hectares of land dedicated to these inhabitants, it is expected that each family will receive approximately 140 hectares, and each town will have its own land donated to it. In partnership with local NGOs, the project will provide capacity building to local families to develop and submit business plans (individually or in groups) to apply for funding to start small sustainable businesses – those that take advantage of non-timber products in the project area, such as the highly valuable Acai fruit. We are also building local capabilities in the use of agroforestry techniques, to diversify and secure food consumption, while achieving a sustainable production of cassava – used in farinha production. Since the world's forests are our greatest ally in the fight against climate change, we've made it our mission to prevent over 10 million tonnes of harmful CO₂ entering the atmosphere over the 40- year lifetime of the project. We have been successfully validated and verified against the Verified Carbon Standard (VCS) and validated to the CCB Standards Second Edition - achieving Climate Adaptation and Biodiversity Gold Levels.

Offsets summary

Proof of cancellation of offset units

Table 4

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Pacajai REDD+ Project	VCUs	Verra	14 Oct 2021	9776-133159985-133159995-VCS-VCU-259-VER-BR-14-981-01012015-31122015-0	2015	11	0	0	11	100%
Total offsets retired this report and used in this report									11	
Total offsets retired this report and banked for future reports								0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	11	100%

5. USE OF TRADE MARK

Table 5

Description where trademark used	Logo type
Emails, Website, Marketing Collateral	Sydney Environmental Group (Certified organisation)
Other paperwork	Sydney Environmental Group (Certified organisation)

6. ADDITIONAL INFORMATION

N/A

APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 6

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>
Laboratory Services	Yes	No	No	No	No

APPENDIX 2

Non-quantified emissions for organisations

Table 7

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>

N/A



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