

Australian Government
Climate Active Public Disclosure Statement

GREENBOX




NAME OF CERTIFIED ENTITY: Greenbox Architecture Pty Ltd

REPORTING PERIOD: 1 January 2019 – 31 December 2019

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		Date	24 June 2020
Name of Signatory	Andrew Owens		
Position of Signatory	Sole Director/Company Secretary		



Australian Government
Department of Industry, Science,
Energy and Resources

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1. Carbon neutral information

Description of certification

This certification covers the operation of the Sydney office of Greenbox Architecture Pty Ltd.

Organisation description

Greenbox is a multi-disciplinary design practice. Based in Sydney, Greenbox has expertise in delivery of projects both in capital cities and regional Australia, as well as throughout Asia Pacific. Since 2009, our progressive, collaborative and responsive approach continues to exceed our clients and project partners expectations.

Our projects range in scope and complexity. They all receive the same attention and focus, including director level involvement in every project.

Greenbox sees this as a core strength for our design services and a foundation on which we have built our business. We bring a wealth of expertise and the complementary skills of passionate team members who love what they do. These talented professionals also possess the technology, due diligence and functional hands-on skills that we see as critical in delivering a responsive, well considered and forward thinking, problem solving result.

Emissions reduction strategy

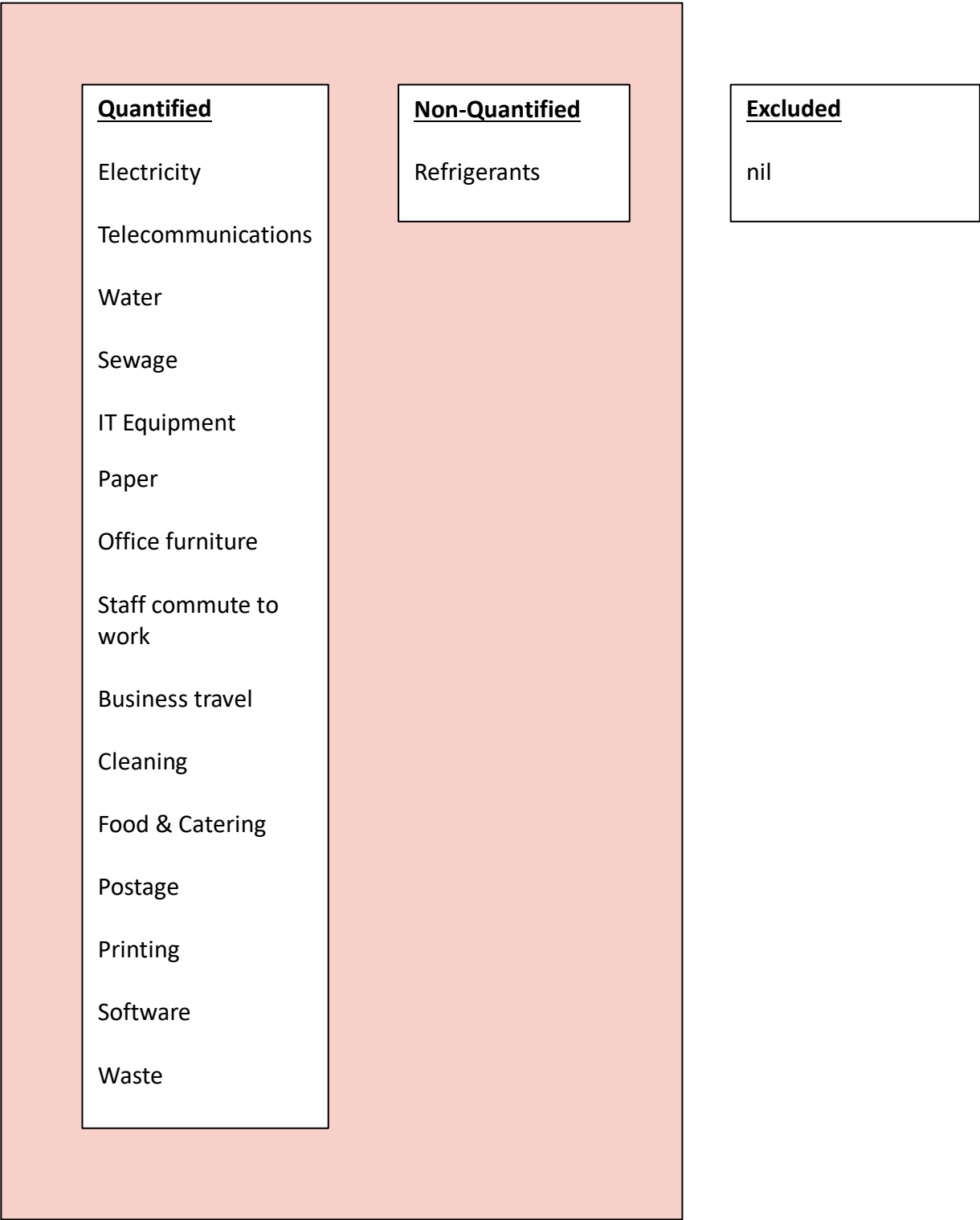
Below are the near term emissions reduction objectives for Greenbox:

- Change energy provider to obtain 100% of electricity from renewable/carbon neutral sources;
- Review waste generation and recycling methods; and
- Educate and actively encourage staff to adopt more sustainable approaches, such as reducing work travel and improving waste disposal habits.

Once these objectives have been met, opportunities for additional emissions reductions will be evaluated.

2. Emission Boundary

Diagram of the certification boundary



Non-quantified sources

Refrigerants were considered to be relevant but immaterial and have not been quantified.

Excluded sources (outside of certification boundary)

There were no excluded emissions sources.

3. Emissions summary

Table 3.1 Emissions Summary	
Emission source category	tonnes CO ₂ -e
Accommodation and facilities	3.120
Air Transport (km)	89.067
Carbon neutral products and services	0.000
Cleaning and Chemicals	1.302
Electricity	62.600
Food	5.743
ICT services and equipment	55.804
Land and Sea Transport (fuel)	0.017
Land and Sea Transport (km)	11.004
Office equipment & supplies	3.861
Postage, courier and freight	0.592
Taxi and Uber	1.424
Waste	0.775
Water	0.610
Total Net Emissions	235.919

Uplift factors

Table 3.2 Uplift factors	
Reason for uplift factor	tonnes CO ₂ -e
n/a	n/a
Total Footprint to offset (uplift factors + net emissions)	235.919

Carbon Neutral products

335.5 kg of carbon neutral paper was used in 2019

Electricity Summary

Electricity was calculated using a Location-based approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting with a view to finalising a policy decision for the carbon neutral certification by July 2020. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures has been provided for full disclosure and to ensure year on year comparisons can be made.

Table 3.3: Market-based approach Electricity summary

Electricity Inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	12,937	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	56,619	61.21
Renewable electricity percentage	19%	
Net emissions (Market based approach)		61

Table 3.4 Location-based summary

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2+3)	Emissions (tonnes CO ₂ e)
ACT/NSW	Electricity Renewables	-	-0.90	0.00
ACT/NSW	Electricity Carbon Neutral Power	-	-0.90	0.00
ACT/NSW	Netted off (exported on-site generation)	-	-0.81	0.00
ACT/NSW	Electricity Total	69,556	0.90	62.60
	Total net electricity emissions (Location based)		0.00	62.60

4. Carbon offsets

Offset purchasing strategy: in arrears

A small number of credits were pre purchased for use in the following reporting year.

Table 4.1 Forward purchasing summary

1. Total offsets previously forward purchased for this reporting period	0
2. Total offsets required for this reporting period	236
3. Net offset balance for this reporting period	236
4. Total offsets to be forward purchased for next reporting period	17

Table 4.2 **Offsets Summary**

1. Total offsets required for this report				236					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				236					
<i>Project description</i>	<i>Eligible offset units type</i>	<i>Registry unit retired in</i>	<i>Date retired</i>	<i>Serial number (including hyperlink to registry transaction record)</i>	<i>Vintage</i>	<i>Quantity (tonnes CO2-e)</i>	<i>Quantity used for previous report</i>	<i>Quantity to be banked for future years</i>	<i>Quantity to be used this report</i>
Tiwi Islands NT Aboriginal savanna burning project	KACCU	ANREU	15 June 2020	3,772,958,857 - 3,772,958,956	2018-19	100	0	0	100
Cai Be Rice Husk Thermal Energy Generation Project	VCU	APX	15 June 2020	4034-172727458-172727610-VCU-008-APX-VN-1-589-01042012-31052014-0	2012-14	153	0	17	136
Total offsets retired this report and used in this report									236
Total offsets retired this report and banked for future reports									17

Co-benefits**Tiwi Islands, NT, Aboriginal Savanna Burning Project**

Examples of environmental, social and cultural core benefits are:

- Elders sharing traditional ecological knowledge with young people;
- Protection of rock art and sacred sites;
- Protection of the environment by Aboriginal led land and sea management;
- Meaningful employment aligning with the interests and values of Traditional Owners; and
- Contribution to increased pride and self- esteem of Aboriginal people.

Cai Be District, Vietnam, Rice Husk Thermal Energy Generation Project

Processing rice for bran oil typically resulted in the disposal of rice husks into waterways. Decaying husks then released methane into the atmosphere, a greenhouse gas 25 times worse than carbon dioxide. Instead, Cai Be captures rice husk methane to produce electricity while also reduces river congestion and pollution, and preventing ecological damage.

5. Use of trade mark

Table 5

Description where trademark used	Logo type
printed and digital marketing material such as company brochures and website	Organisation Certification

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.

Excluded Emission	Relevance Test				
	<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>
n/a	n/a	n/a	n/a	n/a	n/a