



PUBLIC DISCLOSURE STATEMENT

BUILT CONSTRUCTION HOLDINGS PTY LTD

SERVICE CERTIFICATION

FY2020-21

Australian Government


Climate Active Public Disclosure Statement

Built



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Built Construction Holdings Pty Ltd
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021 Arrears report
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>Joe Karten Head of Sustainability & Social Impact 17 August 2023</p>



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

Public Disclosure Statement documents are prepared by the submitting organisation. The material in Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement documents and disclaims liability for any loss arising from the use of the document for any purpose.

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



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	595 tCO2-e
THE OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	115.2%
TECHNICAL ASSESSMENT	Date: 10/03/2023 Name: Luke Huels Organisation: Pangolin Associates Next technical assessment due: FY2024
THIRD PARTY VALIDATION	Type 1 Date: 15/12/2022 Name : Ben Jenkins Organisation: GPP

Contents

1. Certification summary.....	3
2. Carbon neutral information	4
3. Emissions boundary	5
4. Emissions reductions.....	9
5. Emissions summary	11
6. Carbon offsets	12
7. Renewable Energy Certificate (REC) summary.....	14
Appendix A: Additional information	15
Appendix B: Electricity summary	16
Appendix C: Inside emissions boundary	18
Appendix D: Outside emission boundary.....	19

2. CARBON NEUTRAL INFORMATION

Description of certification

This certification covers the following opt-in constructions services for Built Construction Holdings Pty Ltd (ABN: 69 615 899 057) during FY2021.

This includes the following locations:

- Adelaide Office Fit-out (Built office)
- Sydney Office Fit-out (Built Office)

Service description

This service is an opt-in carbon neutral offering, with the functional unit for the service certification defined as one square meter of gross floor area (GFA), with emission intensity expressed in terms of kgCO₂-e/m² GFA. This assessment is measured using a cradle to grave approach.

For Built's own fit-outs, emissions associated with materials (fixtures, furniture and fittings) have been optionally included as part of the construction service.

“At Built, we challenge ourselves to act as a force for good for our environment, our industry, our economy and our society. Quantifying and understanding our carbon footprint helps us focus our reduction efforts on our biggest impacts”

3.EMISSIONS BOUNDARY

Inside the emissions boundary

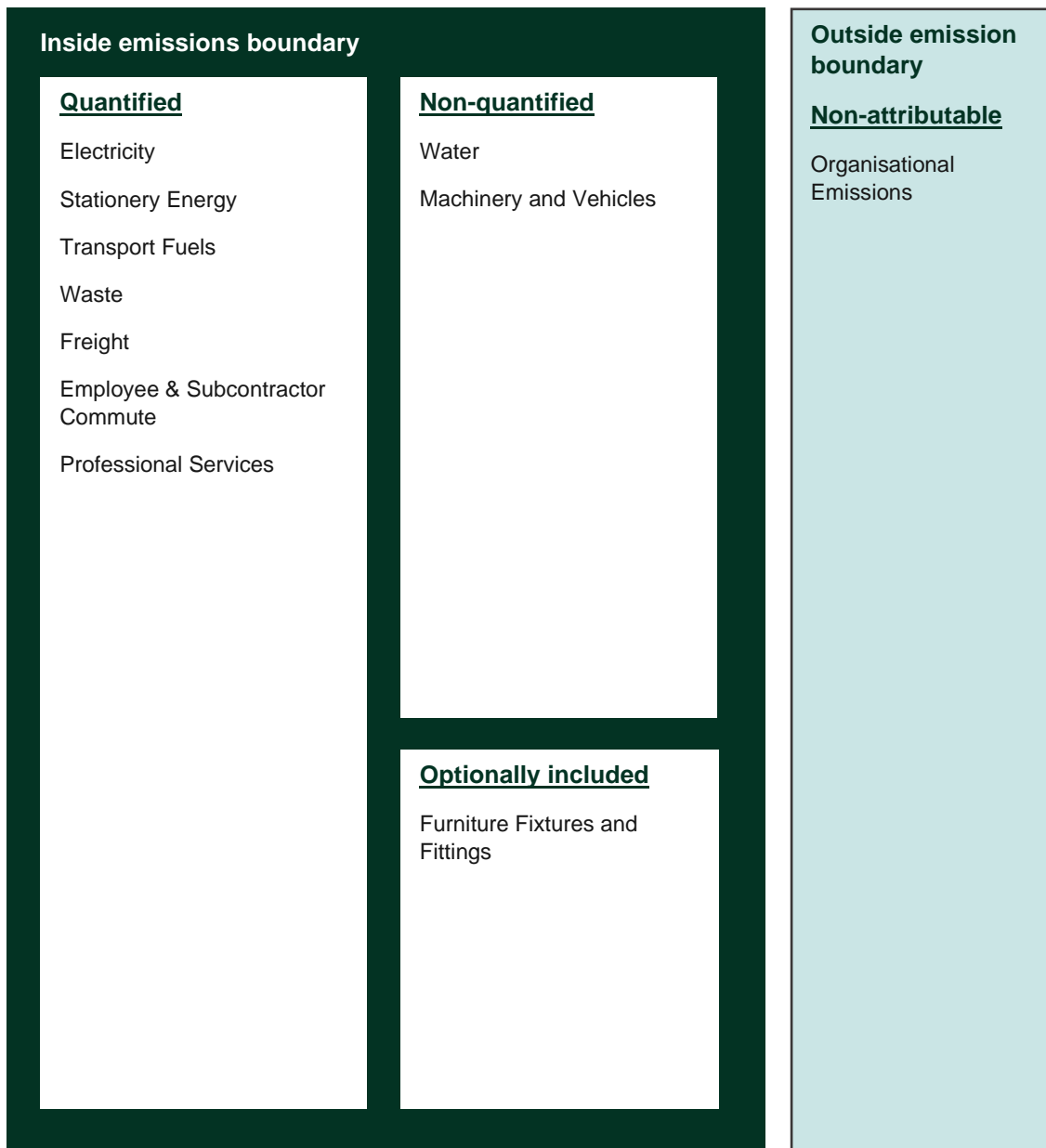
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable 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.

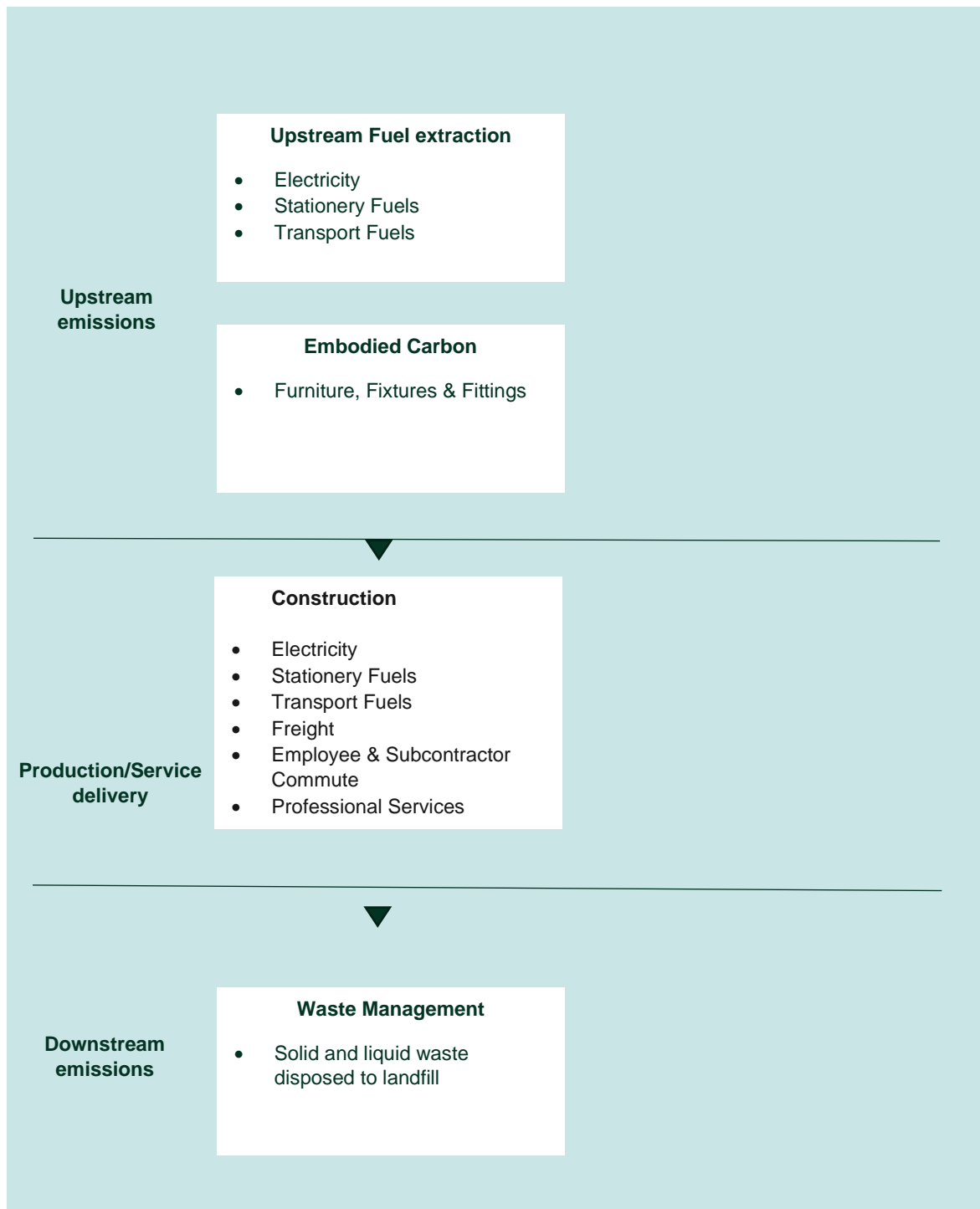
Outside the emissions boundary

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.



Service process diagram

Cradle-to-grave



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

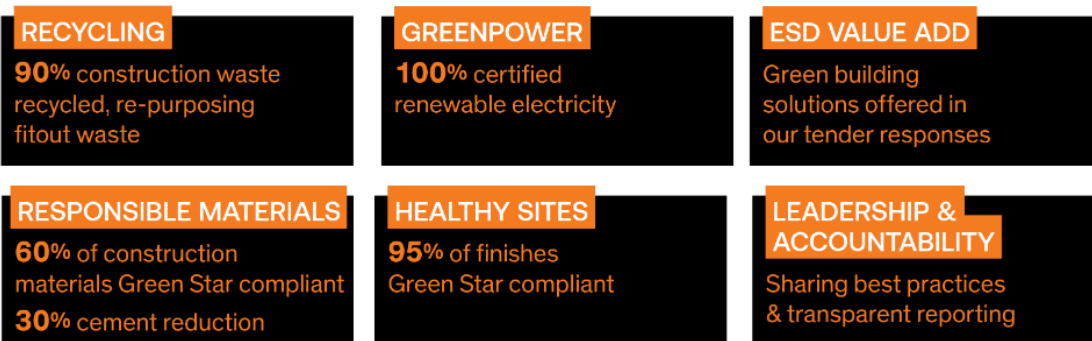
Emissions reduction strategy

Built is committed to decarbonising the impact of it's work. Built's strategy for reducing emissions includes:

- Retail PPA for GreenPower established 2019
- Renewable diesel use progressively from 2023
- 100% renewable electricity use before 2030 for all electricity across all operations
- Partnering with clients and charities to reuse furniture and eliminate recycling or landfill of furniture in good condition.
- Reducing Scope 3 emissions associated with materials:
 - procurement of concrete mixes of 30% cement reduction target set in Built's Green Standard

Built's Green Standard

Scaling up progress with our own standard



Built's Green Standard is our commitment to sustainable building practices and the environment. A real, measurable tool against which we hold ourselves accountable to drive down emissions. The Green Standard is embedded into our project delivery and data captured to track progress – our teams are trained, supported and measured against successful implementation.

Built's practices are guided by its environmental policies and Environmental Management System, which is accredited to ISO 14001 by DLCS. Built conducts lifecycle assessments and embodied carbon measurements in-house which are peer reviewed and conform with the EN15978 standard. Its sustainable procurement policy follows the ISO 20400 Sustainable Procurement Guidelines.

Sustainability & Social Impact - Built <https://www.built.com.au/sustainability/>

Sustainability Certifications: Built's target Green Star, NABERS and WELL ratings to drive down embodied and operational carbon and build healthier spaces in an environmentally and socially sustainable way. The rating tools assist Built in establishing holistic sustainability strategies for projects that extend from design and procurement through to construction and operations.

Sustainability Education: To enable Built's people to advocate for and deliver more sustainable

solutions, Built provides a range of training opportunities including sustainability education as part of the Cadet and Graduate program. All project teams pursuing formal sustainability certifications are trained on the relevant rating tools in project specific workshops. Regular sustainability learning sessions are offered to all staff and formal GSAP and WELLAP accreditations are held by 13 maintained by select members of staff. Built has both WELL Faculty and Green Star Faculty members on staff who design and conduct training

Site Offices: Built's "Site Office Selection Sustainability Guidance" note, which is part of its project delivery framework, provides guidance on site office selection and fitouts to reduce emissions.

Deficit Material Reuse: Built's "Deficit Material Re-use" guidance note provides guidance on its charity partners and coordinating the reuse of furniture.

Further Emissions Reduction Opportunities:

Purchasing and generating renewable energy	Other
<p>LGCs procurement for base building and 3rd party electricity (where Retail PPA not available).</p> <p>Work with building owners at the commencement of projects to supply renewable energy during the construction process.</p>	<p>Supplier engagement strategy - Implementing a sustainable supply chain policy that prioritises suppliers that publicly report on emissions, are carbon neutral and/or take demonstrable action on climate change.</p> <p>Work with key freight providers to understand their approach to transitioning to a fuel efficient transport fleet.</p> <p>Changes in induction surveys of subcontractor staff to accurately measure the impact of commuting and transport fuel use.</p> <p>Reduce paper usage by 50% by FY25 on baseline year of FY21.</p>

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

Electricity at Adelaide has been supplied by Powershop.

Service emissions summary

Stage	tCO2-e
Electricity	0.0
Stationary Fuels	0
Transport Fuels	0
Employee & Subcontractor Commute	62.73
Professional Services	0.11
Freight	32.47
Waste	0.97
Furniture, Fixtures & Fittings	498.25
Total	594.52

Emissions intensity per functional unit	0.187
Number of functional units to be offset	3,164.5
Total emissions to be offset	595

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total emissions footprint to offset for this report	595
2.	Total eligible offsets purchased and retired for this report	596
3.	Total eligible offsets banked to use toward next year's report	1

Co-benefits

The **AAC Block** project has multiple co-benefits. First, a reduction of energy resources consumption: since there is no sintering or cooking in the project activity, this technology is more efficient in terms of energy consumption and results in lower energy consumption than the clay brick manufacturing. Furthermore, the raw materials used in the project activity are mostly (to the extent of 67%) waste materials or by products from other industries.

Social benefits also include the improvement of air quality in the nearby region: with the avoidance of fossil fuel combustion in the proposed project activity, the exhaust gas emissions and direct air pollution is being substantially reduced in the neighboring region. Lastly, it offers better quality employment creation: The proposed project activity is situated in the Ujjain district, Madhya Pradesh state, India. Since the proposed project activity is a green field project it has created employment opportunities for more than 300 skilled-unskilled people in the entire project area.

Canopy Blue has partnered with The University of Western Australia on a project that aims to restore the 97,438 hectares of kelp forest lost during the 2011 marine heatwave, which caused 310,949 tonnes of carbon to be released into the atmosphere.

Kelp forests represent an important and underappreciated carbon sink in the ocean. They are some of the fastest growing plants on the planet. Kelps store organic carbon as standing biomass and sequester carbon through the export and burial of detritus in the deep ocean. Kelp plants take up inorganic carbon (including CO₂) from water and convert it into plant tissue (i.e., organic carbon biomass). In this way kelp forests can be regarded as a carbon sink. Also, living kelp are continuously exporting biomass and carbon to adjacent environments where it is long-term buried in seafloor sediments or transported to deep ocean carbon stores.

While there are many unmonitored kelp forests with unclear status, the most recent measure is 1.8% instantaneous loss each year. This means that 3 million hectares of marine forests needed to be restored globally in 2021 just to keep pace with current declines.

Each WA Kelp Reforestation Credit represents one kelp plant grown at the Indian Ocean Marine Research Centre in Western Australia and planted at a restoration site.

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 (%)
AAC Block Project By Aerocon Buildwell Pvt. Ltd. (EKIESL- June 2016-02)	VCU	VERRA	08/03/2023	11961-371328186-371328781-VCS-VCU-1423-VER-IN-4-1549-01012017-31122017-0	2017	596	596	0	1	595	100%
Total offsets retired this report and used in this report										100%	
Total offsets retired this report and banked for future reports									1		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total				
Verified Carbon Units (VCUs)		596					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Kelp Reforestation Credit Certificate

Presented to:

Built Pty Ltd



Canopy Blue

This certificate guarantees the permanent retirement of 596 Canopy Blue, Kelp Reforestation credits.

This equates to 596 Kelp plants grown in the lab and deployed into the Kalbarri restoration area, along with the permanent retirement of 596 tonnes of CO2 equivalent (*stapled credit) on behalf of:

Built Pty Ltd - for the purpose of achieving Climate Active certified carbon neutrality for the construction service of two of Built's own office locations - Adelaide Office and Sydney Office

**Stapled Credit - Supplied by Pangolin Associates Pty Ltd*

Certification period
FY 2021

Kelp Reforestation Credit Certificate
KRC 11246 - 11841

Date of issuance:
30/01/2023



Jon-paul Cox

Jon-paul Cox, CEO - Canopy Blue Pty Ltd

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-based approach

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 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	46,604	0	96%
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)	9,161	0	19%
Residual Electricity	-7,359	-7,897	-15%
Total grid electricity	48,406	-7,897	100%
Total Electricity Consumed (grid + non grid)	48,406	-7,897	115%
Electricity renewables	55,765	0	
Residual Electricity	-7,359	-7,897	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		0	

*A minus Residual Electricity Emissions in kgCO₂e rounds to zero because the negative emissions can only be used to reduce electricity consumption emissions.
See electricity accounting rules for further information*

Total renewables (grid and non-grid)	115.20%
Mandatory	18.93%
Voluntary	96.28%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO₂e)	0

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 (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	46,604	37,749	4,194
SA	1,802	775	162
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)	48,406	38,524	4,357
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	48,406	38,524	4,357
Emission Footprint (TCO₂e)	43		
<i>Scope 2 Emissions (TCO₂e)</i>	39		
<i>Scope 3 Emissions (TCO₂e)</i>	4		

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
<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.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as attributable, 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
Water	Yes	No	No	No
Machinery & Equipment	Yes	No	No	No

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
N/A			

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

Relevance test					
Non-attributable emission	<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>
Organisational Emissions	No	No	No	Yes	No



An Australian Government Initiative

