



PUBLIC DISCLOSURE STATEMENT

BUILT CONSTRUCTION HOLDINGS PTY LTD

**SERVICE CERTIFICATION
FY2021–2022**

Australian Government

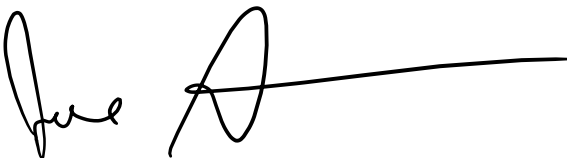
Climate Active Public Disclosure Statement

Built



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Built Construction Holdings Pty Ltd
REPORTING PERIOD	1 July 2021 – 30 June 2022 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 19/08/2024</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	880 tCO ₂ -e
THE OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	18.59%
TECHNICAL ASSESSMENT	Date: 10/03/2024 Name: Luke Huels Organisation: Pangolin Associates Next technical assessment due: FY2024

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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 FY2022.

This includes the following locations:

- 480 Swan St

Functional unit: as one square meter of gross floor area (GFA), with emission intensity expressed in terms of kgCO₂-e/m² GFA.

Offered as: opt-in

Life cycle: cradle-to-grave

This Public Disclosure Statement includes information for FY2022 reporting period.

“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.”

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.

480 Swan St set a target to be built using a carbon neutral construction process. Carbon emission during construction of the building we minimised and remaining construction process-related carbon emissions are offset as part of this Climate Active certification.

The system boundary includes the emissions associated with construction activities occurring within the project site during the construction period which is defined to be the period between site establishment through to practical completion.

This certification accounts for the emissions that occurred within this boundary during FY22. The embodied carbon emissions associated with building materials are not included within the scope of this service certification.

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.

Inside emissions boundary

Quantified

Climate Active Carbon
Neutral Products and
Services

Electricity

ICT services and
equipment

Office equipment &
supplies

Products

Professional Services

Stationary Energy (liquid
fuels)

Transport (Land and Sea)

Waste

Water

Postage, Courier &
Logistics

Products, Materials &
Equipment

Business Travel

Non-quantified

Machinery and vehicles

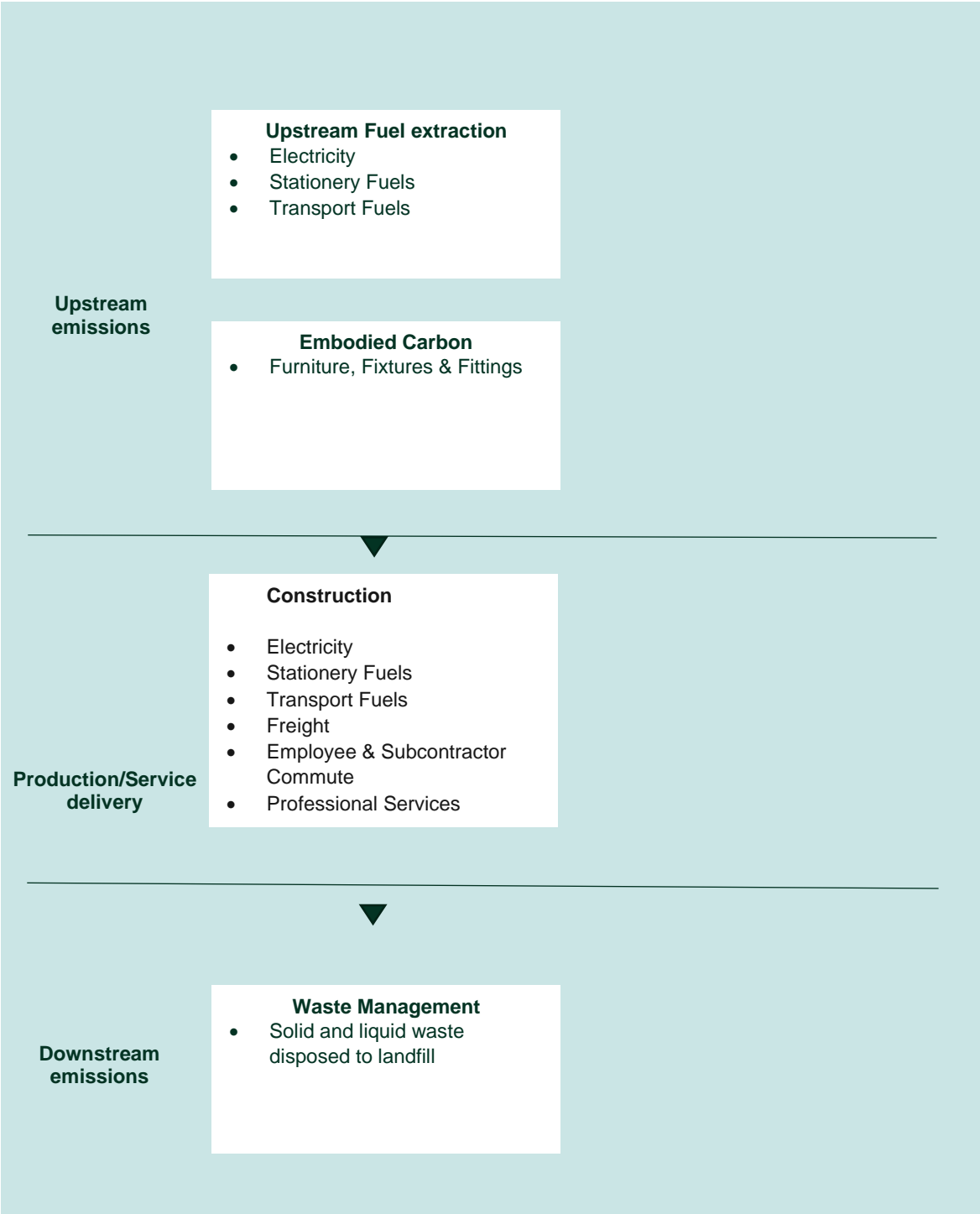
Outside emission boundary

Non-attributable

Organisational
emissions
Upfront carbon of
materials

Service process diagram

Cradle-to-grave boundary



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 its work. Built's strategy for reducing emissions on our project sites includes:

- Retail PPA for GreenPower established 2019 (applies to all site connections).
- LCGs procured to displace purchased power where GreenPower is not available
- Renewable diesel used progressively from 2024
- 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

For our service emissions, we aim to reduce our emissions intensity per functional unit by 15% from our 2021 baseline by 2030 for services with a similar boundary.

Built's Green Standard

Scaling up progress with our own standard

RECYCLING 90% construction waste recycled, re-purposing fitout waste	GREENPOWER 100% certified renewable electricity	ESD VALUE ADD Green building solutions offered in our tender responses
RESPONSIBLE MATERIALS 60% of construction materials Green Star compliant 30% cement reduction	HEALTHY SITES 95% of finishes Green Star compliant	LEADERSHIP & ACCOUNTABILITY Sharing best practices & transparent reporting

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 target Green Star, NABERS, LEED 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.

Defit Material Reuse: Built's "Defit 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>

Emissions reduction actions

LGCs procured to displace non-renewable power used in calendar years 2020, 2021, 2022.

Tracking app introduced for all sites teams to report on and track materials included in the Built Green Standard.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e	Emissions intensity of the functional unit (tCO ₂ -e/m ²)
Base year/year 1:	2020–21	595.47	Emissions per functional unit to be declared at practical completion
Year 2:	2021–22	880	

Significant changes in emissions

The scope of work for FY2021 involved organisation and service entities of Built where the total emissions were the sum of both. However, for FY2022 it solely involves the Service, hence a comparison in differences to emissions are not accurate.

Use of Climate Active carbon neutral products and services

Consulting services – Pangolin Associates

Telecommunication products and services – Telstra services

Electricity - Powershop

Service emissions summary

Stage	tCO ₂ -e
Climate Active Carbon Neutral Products and Services	0.0
Electricity	0.0
ICT services and equipment	31.51
Office equipment & supplies	1.93
Products	0.71
Professional Services	54.58
Stationary Energy (liquid fuels)	202.02
Transport (Land and Sea)	378.94
Waste	152.46
Water	0.83
Postage, Courier & Logistics	0.20
Products, Materials & Equipment	56.22
Business Travel	0.03
Total	879.44

Emissions intensity per functional unit	0.0166
Number of functional units to be offset	52,901
Total emissions to be offset	879.44

Functional unit is gross floor area of service provided by Built.

Functional units and emission intensities will be disclosed per project once projects reach practical completion and as illustrated on page 11.

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total emissions footprint to offset for this report	880
2.	Total eligible offsets purchased and retired for this report	880
3.	Total eligible offsets banked to use toward next year's report	6

Co-benefits

The ACAPA – BMyF REDD+ project objectives are threefold: (i) to mitigate climate change by reducing deforestation and forest degradation, and recuperation of already degraded forest lands; (ii) contribute to biodiversity conservation including High Conservation Values, and, (iii) foster sustainable development of local communities.

This project addresses the pressure on the forest by strengthening community capacity in governance, implementing improved land-use planning and conservation zone demarcation and fostering economically viable alternatives to deforestation within the project area. The ability of the project to be autonomously owned, driven, and managed by Community Councils has benefited from technical assistance from Fondo Acción, as well as financial and capacity-building support from USAID under the Bio-REDD+ and the Paramos y Bosques programs.

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 (%)
Acapa -Â- Bajo Mira Y Frontera REDD+ Project	VCUs	Verra	29 th May 2024	9609-111570245-111570296-VCS-VCU-261-VER-CO-14-1389-01012016-31122016-1 9609-111573841-111574674-VCS-VCU-261-VER-CO-14-1389-01012016-31122016-1	2016	0	886	0	6	880	100%
Total offsets retired this report and used in this report										880	
Total offsets retired this report and banked for future reports									6		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total				
Verified Carbon Units (VCUs)		880					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

N/A.

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	13,127	0	100%
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)	2,440	0	19%
Residual Electricity	-2,440	-2,428	-19%
Total grid electricity	13,127	-2,428	100%
Total Electricity Consumed (grid + non grid)	13,127	-2,428	119%
Electricity renewables	15,567	0	
Residual Electricity	-2,440	-2,428	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		0	
Total renewables (grid and non-grid)		118.59%	
Mandatory		18.59%	
Voluntary		100.00%	
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	0	0	0
SA	0	0	0
Vic	13,127	11,946	1,313
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	13,127	11,946	1,313
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	13,127	11,946	1,313

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
Machinery & Vehicles	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>
Upfront carbon of materials	Y	N	N	N	N
Organisational Emissions *	N/A	N/A	N/A	N/A	N/A

* This assessment only covers the service provision. The administration of Built as an organisation is outside of the boundary of this certification. As such, these emissions have not been tested for relevance.

These emissions would be captured in a Carbon Neutral Organisation Certification, should Built wish to pursue this pathway in the future.



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