PUBLIC DISCLOSURE STATEMENT

BUILT CONSTRUCTION HOLDINGS PTY LTD

SERVICE CERTIFICATION
FY2022-2023

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	Built Construction Holdings Pty Ltd
REPORTING PERIOD	1 July 2022 – 30 June 2023 Arrears report
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.*  Joe Karten Head of Sustainability & Social Impact 19/08/2024 *Note: you can submit this document to Climate Active unsigned. The Climate Active team will invite you to sign this document once they have completed their review.*

Australian Government
Department of Climate Change, Energy, the Environment and Water

Version: January 2024

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	2,658 tCO_2-e
CARBON OFFSETS USED	100% VCU
RENEWABLE ELECTRICITY	118.8%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	Date: 10/03/2024 Name: Luke Huels Organisation: Pangolin Associates Next technical assessment due: FY2024

Contents

2.CERTIFICATION INFORMATION

Description of service certification

This certification covers the following opt-in constructions services for Built Construction Holdings Pty Ltd (ABN: 69 615 899 057) during FY2023.

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 FY2023 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 FY23. 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' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions 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

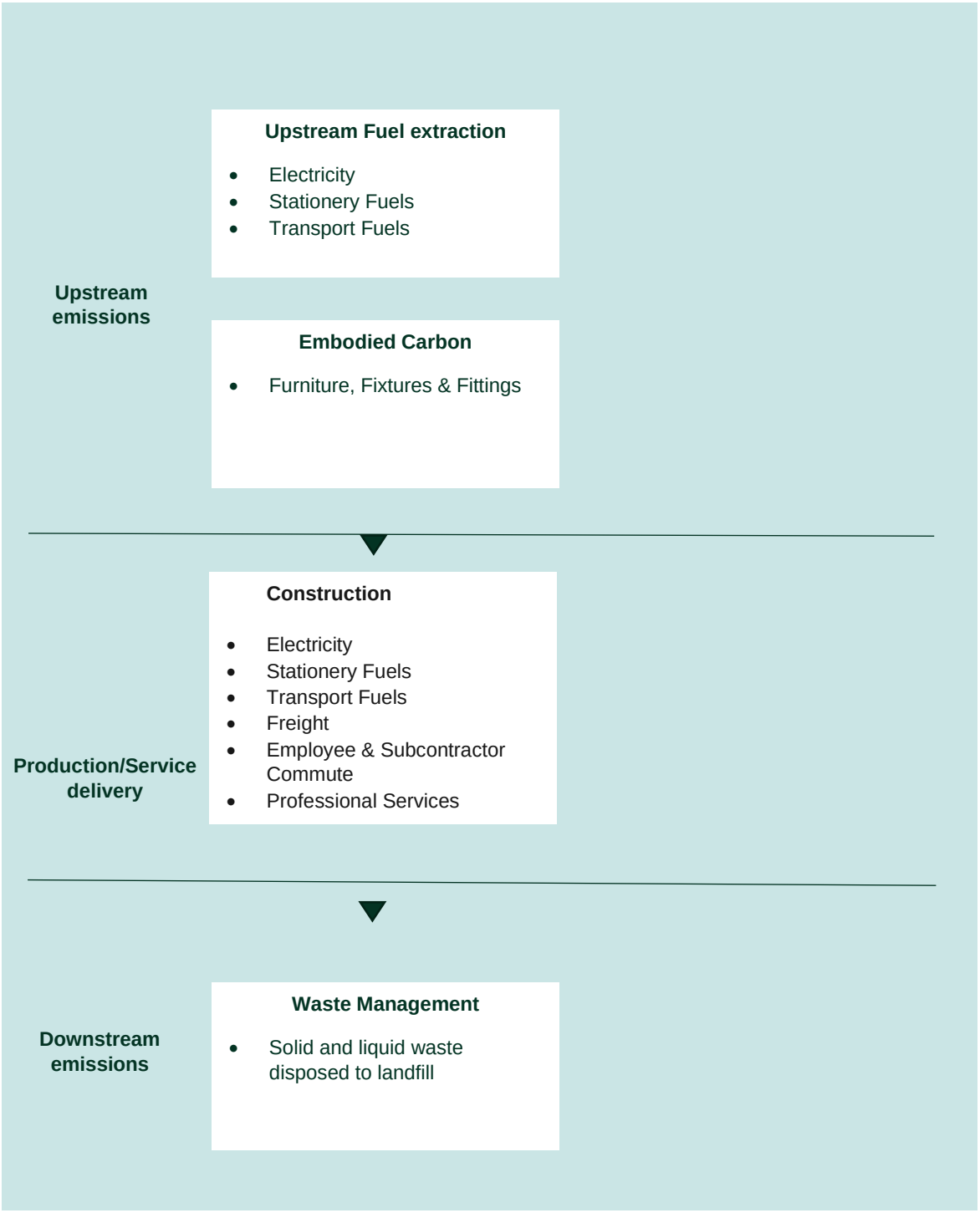
Non-attributable

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,
- 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

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**
LGCs procurement for base building and 3rd party electricity (where Retail PPA not available). Work with building owners at the commencement of projects to supply renewable energy during the construction process.	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. Work with key freight providers to understand their approach to transitioning to a fuel efficient transport fleet.

Emissions reduction actions

Site based emission reduction actions.

- Induction survey changed to improve data collected on staff commute and more accurately measure the impact.
- LGCs procured to displace non-renewable power used in calendar year 2023
- Renewable diesel and electric crane options assessed and priced on new tenders. Both options have been taken up on projects in progress for FY2024.
- 32% reduction in cement across 13 projects that tracked and reported reductions.

Leadership and Knowledge Sharing towards industry decarbonisation.

- Design for Disassembly guidelines and template developed and implemented to set up circular end of life plan. To be publicly published in FY2024.
- Substation No 164 Sustainability Case Study video released to share projects with decarbonisation strategies with industry.
- Demystifying the Circular Economy: a practical guide for moving towards a circular economy in the built environment" released.
- Contributing to the development of the NABERS Embodied Emissions tool.
- Built chairs the Australian Constructors Association Sustainability Committee collaborating with the largest contractors in the country around decarbonisation of Scope 1-3 and investigating responses to biodiversity impacts from construction works.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO_2-e	Emissions intensity of the functional unit (tCO_2-e/m2)
Base year:	2020-21	595.47	Emissions per functional unit to be declared at practical completion
Year 1:	2021-22	879.44	
Year 2:	2022-23	2786.12	

Significant changes in emissions

Significant changes in emissions			
Attributable process	**Previous year emissions** (t CO_2-e)	**Current year emissions** (t CO_2-e)	**Reason for change**
Employees	379.7	2,056.2	Increase in staff due to increase in works occurring on site
Office Supplies & Services	1.9	12.4	Increase in costs due to increase in works occurring on site

Please note FY2022 included project establishment and only 9 months on site, where as FY2023 represents a full year of works. As such, there are natural increases in emissions.

Use of Climate Active carbon neutral products, services, buildings or precincts

Certified brand name	Product/Service/Building/Precinct used
Pangolin Associates	Service
Telstra	Service

Emissions summary

Emission category	Sum of Total Emissions (t CO2-e)
Pharmaceutical goods for human use	0.03
Miscellaneous Manufacturing	9.31
Taxis	0.08
Cleaning and chemicals	9.93
Climate Active carbon neutral products and services	0.00
Electricity	0.00
Machinery and vehicles	59.86
Postage, courier and freight	0.21
Products	54.51
Professional services	42.35
Stationary energy (liquid fuels)	269.31
Transport (land and sea)	2055.39
Waste	152.46
Water	1.73
Office equipment and supplies	2.48
Total	**2657.66**

Product / Service offset liability	
Emissions intensity per functional unit	0.050
Emissions intensity per functional unit including uplift factors	2,657.66
Number of functional units covered by the certification	52,901
Total emissions (tCO_2-e) to be offset	**2657.66**

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

6.CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	2658	100%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (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	29th 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	6	0	6	0	0%
Acapa -Â- Bajo Mira Y Frontera REDD+ Project	VCUs	Verra	29th May 2024	9609-111574675-111575788-VCS-VCU-261-VER-CO-14-1389-01012016-31122016-1	2016	0	2658	0	0	2658	100%

				9609-111572297-111573840-VCS-VCU-261-VER-CO-14-1389-01012016-31122016-1							
Total offsets retired this report and used in this report										**2658**	
Total offsets retired this report and banked for future reports									**0**		

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.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

N/A.

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the market-based approach.

Market Based Approach Summary

Market Based Approach	Activity Data (kWh)	Emissions (kg CO2-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)	0	0	0%
GreenPower	153,812	0	100%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	28,917	0	19%
Residual Electricity	-28,917	-27,615	0%
Total renewable electricity (grid + non grid)	**182,729**	**0**	**119%**
Total grid electricity	**153,812**	**0**	**119%**
Total electricity (grid + non grid)	**153,812**	**0**	**119%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**-28,917**	**-27,615**	
Scope 2	-25,537	-24,388	
Scope 3 (includes T&D emissions from consumption under operational control)	-3,380	-3,228	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**118.80%**
Mandatory	**18.80%**
Voluntary	**100.00%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO2-e)	**-24.39**
Residual scope 3 emissions (t CO2-e)	**-3.23**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**0.00**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**0.00**
Total emissions liability (t CO2-e)	**0.00**

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

Location Based Approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	**100%**	**(kWh)**	**Scope 2 Emissions (kg CO2-e)**	**Scope 3 Emissions (kg CO2-e)**	**(kWh)**	**Scope 3 Emissions (kg CO2-e)**
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	153,812	153,812	130,740	10,767	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	**153,812**	**153,812**	**130,740**	**10,767**	**0**	**0**
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	**0**	**0**	**0**	**0**		
Total electricity (grid + non grid)	**153,812**					

Residual scope 2 emissions (t CO2-e)	**130.74**
Residual scope 3 emissions (t CO2-e)	**10.77**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**130.74**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**10.77**
Total emissions liability (t CO2-e)	**141.51**

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO_2-e)
N/A	**0**	**0**
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market based summary table.		

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO_2-e)
N/A	**N/A**	**N/A**
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market based summary table.		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources 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	Justification reason
Machinery & Vehicles	Immaterial

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**).

Emissions Source	No actual data	No projected data	Immaterial
N/A			

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

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.

1. **Size** The emissions from a particular source are likely to be large relative to other attributable emissions.

2. **Influence** The responsible entity could influence emissions reduction from a particular source.

3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.

4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.

5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

Non-attributable emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Upfront carbon of materials	Y	N	N	N	N	Built's service provision covers stages A4 and A5 of the construction life cycle as described by ENS15978. As such, the upfront carbon of raw materials and their manufacture, other products, and the transport and end-of-life thereof, are outside Built's organisational and operational boundary.
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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