PUBLIC DISCLOSURE STATEMENT

BELGRAVIA HEALTH & LEISURE GROUP PTY LTD

SERVICE CERTIFICATION
FY2021-2022

Australian Government

Climate Active
Public Disclosure Statement

belgravialeisure
connecting community to leisure

An Australian Government Initiative

Climate Active

NAME OF CERTIFIED ENTITY	Belgravia Health & Leisure Group Pty Ltd
REPORTING PERIOD	Financial year 1 July 2021 – 30 June 2022 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.* 
	Alexia Morgan Group Manager, Business Improvement Date 06/09/2023

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

Version March 2023.

1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1154 tCO_2-e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	116.56%
CARBON ACCOUNT	Prepared by: Belgravia Health & Leisure Group Pty Ltd
TECHNICAL ASSESSMENT	16/08/2022 Ndevr Environmental Next technical assessment due: FY 2023-24 report
THIRD-PARTY VALIDATION	Type 1 16/08/2022 KREA Consulting

Contents

2. CARBON NEUTRAL INFORMATION

Description of certification

All the operations that contribute to the running of Ascot Vale Leisure Centre by Belgravia Health & Leisure Group Pty Ltd will be included under this certification.

Beginning from FY2021-22, all emissions including electricity and gas will be offset through Ascot Value Leisure Centre's service certification. The leisure centre is owned by Moonee Valley City Council but operated by Belgravia Health and Leisure Group.

Service description

Ascot Vale Leisure Centre (AVLC) is a recreation and leisure centre located in Ascot Vale Victoria. The business caters to the health, recreation and leisure needs of the local community. AVLC is owned by the Moonee Valley City Council but operated by Belgravia Health and Leisure Group to provide all services.

AVLC provides a gymnasium (cardio equipment and weights), recreational stadium, and various swimming pools. The site offers learn to swim classes, recreational swimming, school swimming, hydrotherapy classes as well as land-based group fitness classes such as spin and Pilates.

The leisure centre features a 25-metre indoor pool, aqua play features, warm water pool, spa, sauna and steam facilities. Belgravia operates a café from the site to service members and guests of the venue.

Belgravia Health & Leisure Group is seeking to recertify the services provided at Ascot Vale Leisure Centre as carbon neutral. This will be full-coverage and cradle to grave inventory.

The functional unit will be kgs of CO_2-e per day of the provision of leisure services.

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

Cleaning and chemicals

Construction Materials and Services

Electricity

Food

ICT Services and Equipment

Machinery and Vehicles

Office Equipment & Supplies

Postage, Courier & Freight

Products

Professional Services

Refrigerants

Stationary Energy

Staff Commuting

Waste

Water

Working from Home

Non-quantified

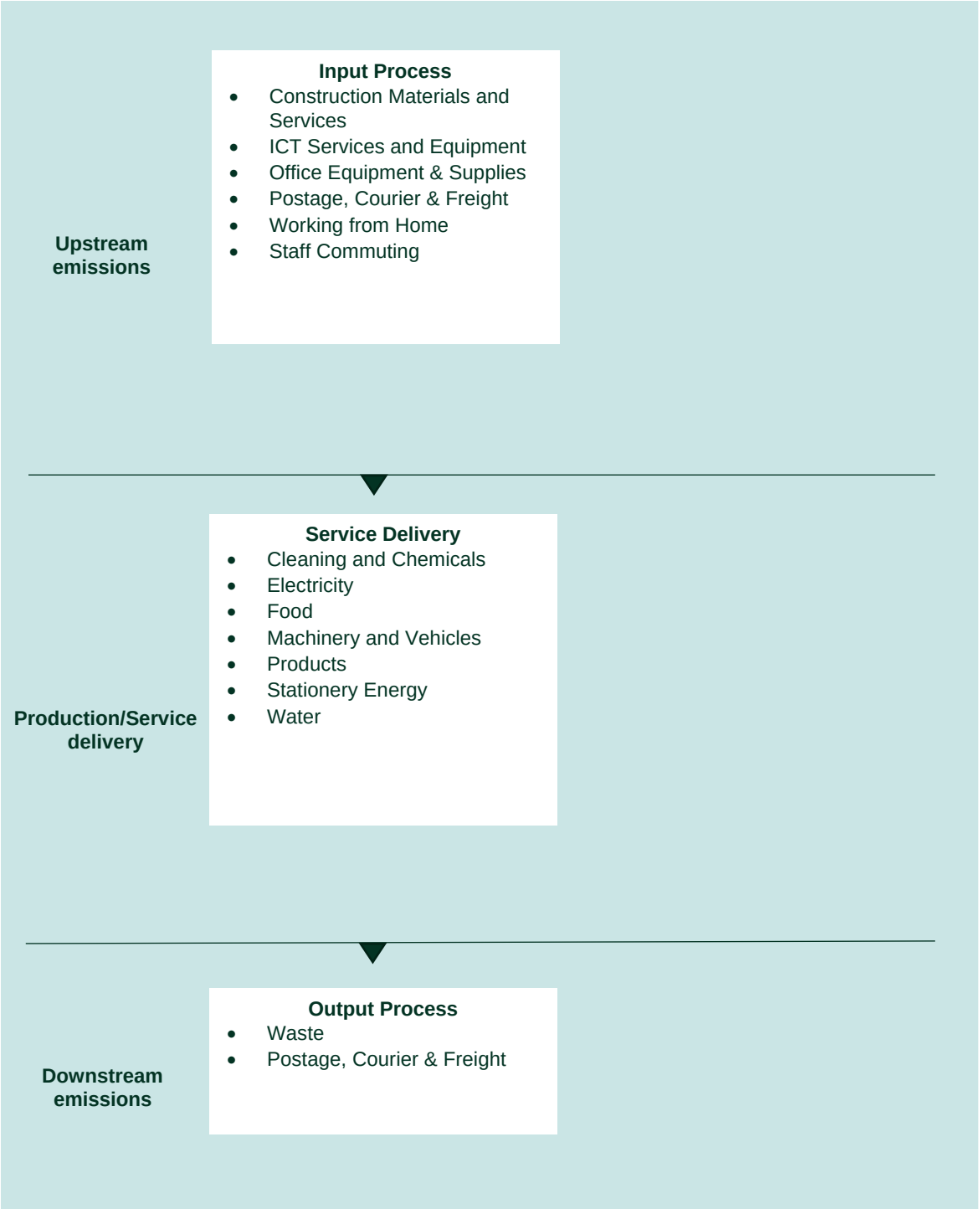
N/A

Outside emission boundary
Non-attributable

N/A

Service process diagram

This is a cradle-to-grave boundary.



4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Climate Active certification is a great step forward in Belgravia's sustainability journey. Recertification will meet contract requirements and demonstrate that Belgravia is committed to reducing our impact on the environment.

By the end of FY 2026, AVLC is committed to achieving a 70% reduction in service-related carbon emissions when compared to the base year (FY 2021).

This reduction target builds on the success of the first year where emissions were reduced by 45% through a solar introduction and maintenance project as well as AVLCs commitment to purchasing 100% renewable electricity. The completion of AVLC's ongoing solar installation project (an additional 200kw system) will further contribute to this goal. AVLC intends to switch from gas fired boilers for water heating to electric heat pumps within the next five years. Going forward, the second, third, and fourth year expect to show incremental progress towards these goals with the installation of the additional solar, and further efficiencies identified by the sustainability audits. Followed by a major reduction in year five with the completion of the degasification project.

This initiative aligns with AVLC's dedication to environmental stewardship and positions it as a leader in sustainable practices, demonstrating measurable progress and accountability in its commitment to reducing environmental impact. The details of these projects are as follows:

- Solar installation and maintenance. The Moonee Valley City Council plan to continue installing the system over the next 12 months which includes an additional 200kWh of solar on the roof of AVLC.
- Updated tracking metrics related to waste and energy usage as benchmarks for future energy and waste reduction.
- The Moonee Valley City Council are organising a four-year degasification program to get AVLC and other city run venues to stop using gas. This plan begins with smaller venues including childcare centres, with gas hot water services. Then, it will expand to larger buildings like libraries, the civic hall, and leisure centres with gas boilers in year 3 and 4. The federal government has announced a Community Energy Upgrades Fund which will provide councils with funding toward high impact energy upgrades. As details are released, the Mooney Valley City Council will apply for and plan to use these funds to expedite the degasification project.

Emissions reduction actions

Since taking over management of Ascot Value Leisure Centre, energy usage has been a key focus area of improvement for Belgravia Health and Leisure Group, with the following action having recently been implemented during the management period:

- Installation of LED lights
- Beginning the solar installation and maintenance project. The Moonee Valley City Council plan to continue installing the additional 200kWh system over the next 12 months.
- Leak sealing of the building to help reduce HVAC operating costs.
- BMS monitoring efficiencies.
- Reduce the UV system to ensure operational efficiency.
- Improved management practices in the café including keeping cool room door closed at all times.

In addition, the Moonee Valley City Council have signed a power purchase agreement on behalf Ascot Vale Leisure Centre that ensured from FY2021/22, 100% of the electricity consumed by the centre was generated from renewable energy sources. This reduced AVLC's electricity emissions footprint by over 1,000 tCO_2-e. AVLC will continue to use energy generated by renewable energy sources going forward.

Supplementing these energy savings initiatives, Belgravia have also developed and implemented the following items:

- A 5-year sustainability plan.
- Updated and re-launched an internal sustainability audit – covering energy usage, waste, procurement, and operational practices.
- Banned the sale or provision of plastic straws, plastic cutlery, and plastic bags. This has been in place since August 2019.
- The Ascot Vale Leisure Centre is a member of the "Responsible cafes" program and promotes the use of Keep Cups and other sustainable practices.
- Reduced paper consumption through online digital feedback forms and online timetables (all white paper purchased is planet friendly).
- Adjusted manual backwashing procedures to reduce potable water consumption.
- Provides Fair trade coffee – sustainably sourced with the coffee beans provided in recyclable packaging.
- Bio-degradable takeaway containers and coffee cups.
- Producing in-house salad and food offerings rather than buying pre-packaged food for resale. utensils are also used.

- Updated and strengthened the procurement policy and implemented decisions with sustainability and the environment in mind.
- Ensured our contract cleaner is using sustainable cleaning products and water efficient procedures.
- Strengthened our sustainability and environmental culture though new sustainability inductions, staff newsletters, upgraded Sustainability news section on our website and celebrated our actions through regular good news stories.
- Sharing the results and expertise of gaining carbon neutral certification with peers in the Aquatics and Recreation industry.

*Note, some emissions sources showed a rise, such as paper consumption and staff commute, compared to FY2021. During FY2021, COVID-19 restrictions caused periodic closures of the facilities which resulted in decreased operations and emissions with less closures this year, the quantities increased respectively.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO_2-e	**Emissions intensity of the functional unit**
Base/Year 1:	2020-21	2,127	9.13 tCO_2-e per day
Year 2:	2021–22	1,154	4.21 tCO_2-e per day

AVLC's carbon emissions have decreased significantly this year due to a shift to renewable energy. FY 2022 was the first year where all of the electricity purchased by AVLC was from renewable sources. In addition, there is an ongoing project to install 200kWh solar system which aided in the reduction of carbon emissions.

Use of Climate Active carbon neutral products and services

N/A

Emissions summary

Stage	**tCO_2-e**
Cleaning products	24.54
Cleaning equipment and services	59.86
Construction Materials and Services	1.74
Electricity	0.00
Food	10.91
ICT services and equipment	5.30
Machinery and vehicles	1.78
Office equipment & supplies	2.57
Postage, courier and freight	0.65
Products	2.82
Professional Services	10.99
Refrigerants	0.01
Stationary Energy (gaseous fuels)	827.47
Transport (Land and Sea)	125.93
Waste	26.40
Water	52.12
Working from home	0.00

Emissions intensity per functional unit	**4.21 tCO_2-e per day**
Number of functional units to be offset *(days of leisure services provided)*	**274**
Total emissions to be offset	**1,154** **

Note, the number of functional units was reduced to 274 in FY 2022 because of the COVID-related closures/lockdowns (89 days) and public holiday closures (2 days).

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken in-arrears offsetting approach. The total emissions to offset are 1154 t CO_2-e. The total number of eligible offsets used in this report is 1154. Of the total eligible offsets used, 1,154 were previously banked and 0 were newly purchased and retired. 2,451 remain and have been banked for future use by MVCC.

Co-benefits

The company Aerocon Buildwell Pvt. Ltd (ABPL) are involved in manufacturing of Autoclaved Aerated Concrete (AAC) blocks/ fly ash bricks in Ujjain, India and part of the KEMKER and GOYAL Group. With the prime focus on delivering state of the art energy efficient bricks, the group has already delivered a significant market shares in the region. The Current project of Aerocon is an initiative to manufacture 150,000 cubic meters of AAC blocks and 90,000 cubic meters of Fly ash bricks annually at Ujjain, Madhya Pradesh, India. The core of this technology is the composition of raw materials and its chemistry, with fly ash from thermal plants mixed with lime, cement, gypsum and aluminium powder stone dust and plaster of paris, which enable the blocks and bricks to acquire the mechanical properties required during the hydration and curing process without being sintered.

The prime objective of the project activity is to produce a high-quality walling material and wall insulating building material by adopting an efficient low energy intensive brick production process instead of a high energy intensive brick production process like Clay Brick Bull"s trench kilns (BTKs) and positively impact the energy consumption pattern both at the brick production level and at the building operation level. While attaining the prime objective the project activity will also reduce GHG emissions associated to energy consumption (both fossil fuel and electricity) in the high energy intensive BTKs by an energy efficient brick making technology.

Eligible offsets retirement summary

Offsets retired for Climate Active certification											
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 (%)**
AAC Block Project By Aerocon Buildwell Pvt. Ltd. (EKIESL-June 2016-02)	VCU	Verra	2 June 2021	9199-74011694-74017072-VCS-VCU-1423-VER-IN-4-1549-15072014-31122014-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=132206	2014	-	5,379	1,774*	2,451*	1,154	100%
									Total offsets retired this report and used in this report	**1,154**	
									Total offsets retired this report and banked for future reports	**2,451***	

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	1,154	100%

*AVLC is owned by Moonee Valley City Council and operated by Belgravia. As such, the offsets were purchased by Moonee Valley City Council (MVCC) and any retired offsets may be used in their future certifications. 1,774 were used to offset their previous certifications

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	1279

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Dundonnell Wind Farm	VIC, Australia	LGC	REC Registry	23 Feb 2022	WD00VC37	548819-549765 202102-204461	2021	Wind	3,307
Dundonnell Wind Farm	VIC, Australia	LGC	REC Registry	08 August 2022	WD00VC37	53375- 57853	2022	Wind	4,479
Total LGCs surrendered this report and used in this report									**1,279**[1]

*.

[1] Moonee Valley City Council surrendered 7,786 LGCs as part of their FY2021-22 Climate Active organisation certification. 4,954 of these units were used by Moonee Valley City Council in that reporting period, after accounting for electricity consumption matched with renewables through the Large-scale Renewable Energy Target. A portion of the remaining LGCs – 1,279 units – has been claimed by Belgravia Health & Leisure Group as part of this service certification for FY2021-22. Any LGCs leftover will not be carried forward for future reporting periods

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	19,163	0	1%
Total non-grid electricity	**19,163**	**0**	**1%**
LGC Purchased and retired (kWh) (including PPAs)	1,278,654	0	97%
GreenPower	0	0	0%
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)	245,279	0	19%
Residual Electricity	-219,258	-209,391	0%
Total renewable electricity (grid + non grid)	**1,543,096**	**0**	**117%**
Total grid electricity	**1,304,675**	**0**	**115%**
Total electricity (grid + non grid)	**1,323,838**	**0**	**117%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**-219,258**	**-209,391**	
Scope 2	-193,630	-184,917	
Scope 3 (includes T&D emissions from consumption under operational control)	-25,628	-24,474	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**116.56%**
Mandatory	**18.53%**
Voluntary	**96.59%**
Behind the meter	**1.45%**
Residual scope 2 emissions (t CO_2-e)	**-184.92**
Residual scope 3 emissions (t CO_2-e)	**-24.47**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Total emissions liability (t CO_2-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)**
VIC	1,304,675	1,304,675	1,108,974	91,327	0	0
Grid electricity (scope 2 and 3)	**1,304,675**	**1,304,675**	**1,108,974**	**91,327**	**0**	**0**
VIC	19,163	19,163	0	0		
Non-grid electricity (behind the meter)	**19,163**	**19,163**	**0**	**0**		
Total electricity (grid + non grid)	**1,323,838**					

Residual scope 2 emissions (t CO_2-e)	**1,108.97**
Residual scope 3 emissions (t CO_2-e)	**91.33**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**1,108.97**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**91.33**
Total emissions liability (t CO_2-e)	**1,200.30**

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 CO2-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	**0**	**0**

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
N/A	

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			

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.

N/A – no non-attributable processes identified for this certification in this reporting period.

An Australian Government Initiative

Climate Active