PUBLIC DISCLOSURE STATEMENT

CLARKEHOPKINSCLARKE ARCHITECTS

ORGANISATION CERTIFICATION
FY2021–22

Australian Government

Climate Active
Public Disclosure Statement

Impact Tomorrow

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	ClarkeHopkinsClarke Architects 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.*
	Simon Le Nepveu Partner 21/12/2022

Australian Government
Department of Industry, Science, Energy and Resources

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

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	405 tCO_2-e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	50.92%
TECHNICAL ASSESSMENT	Date: 16/11/20 Name: Chris Wilson Organisation: Pangolin Associates Next technical assessment due: FY 2022/23

Contents

2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2021 to 30 June 2022 and covers all of the Australian operations of ClarkeHopkinsClarke as an organisation.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- 9/700 Swanston Street, Carlton, 3053 VIC
- 3/78 Campbell Street, Surry Hills, 2010 NSW

The details of offsets relating to this certification also cover the ClarkeHopkinsClare's Service certification. The relevant PDS can be found here.

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

"Climate Active is important as it is tangible proof that we run our office and operations in a way that is in line with the values we espouse; we 'walk the talk' so to speak!"

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF_6) and nitrogen trifluoride (NF_3). These have been expressed as carbon dioxide equivalents (CO_2-e) using relative global warming potentials (GWPs).

Organisation description

ClarkeHopkinsClarke (ABN 18 146 947 762) is an Architectural practice established in 1960. With offices in Melbourne and Sydney we provide architecture, interior and urban design services that span the education, health, senior living & care, mixed use, multi-residential and commercial sectors, for clients across Australia and internationally.

We like to think that for a practice of 180+ people, we are small enough to move quickly on industry issues, and big enough to help drive industry change. Our focus is to positively ‘Impact Tomorrow’ through everything we do.

“We believe businesses can be both profitable and ethical and we’re proof that it works.”

3.EMISSIONS BOUNDARY

Inside the emissions boundary

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

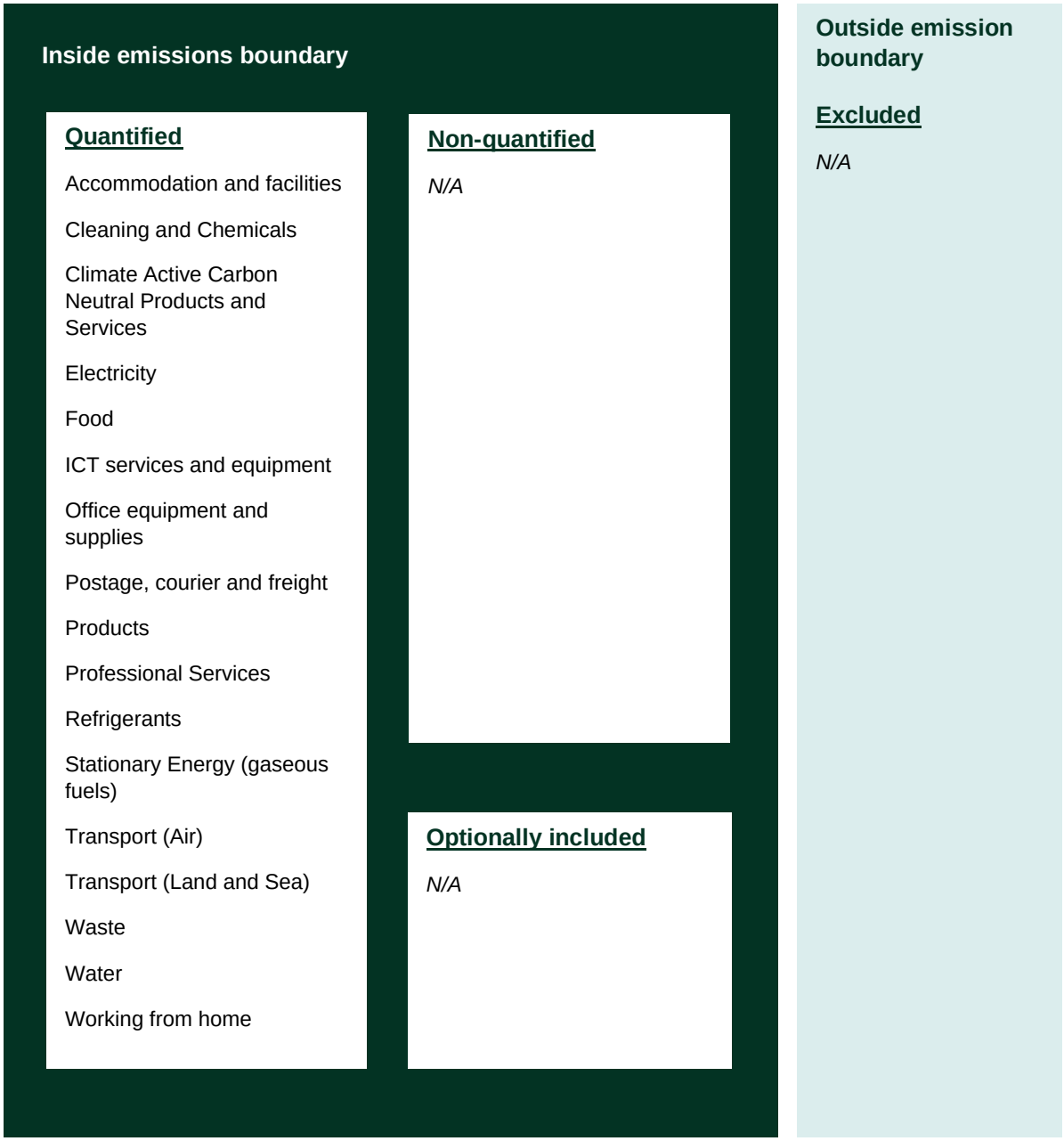
Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant 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

Excluded emissions are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

The emission sources in the boundary diagram below are as per the emissions categories in the emission summary table.



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

ClarkeHopkinsClarke is deeply committed to a more sustainable future. We are focused on sustainability in all that we do. Our certification demonstrates our leadership and innovation within our industry, to advocate for change in both our operations, and architectural design. We are proud members, participants and signatories in environmental industry bodies including Architects Declare, Not Business as Usual, BCorp, Net Zero 2030 and the Design Futures Council.

As a leading Australian architecture and design studio, ClarkeHopkinsClarke has established a strong commitment to sustainability through its business commitments, innovative design, and offsetting any emissions we produce as part of our operations on a yearly basis. In addition to calculating and offsetting our carbon emissions, ClarkeHopkinsClarke is committing to an emissions reduction strategy to ensure we reduce our operational emissions year-on-year, promote Environmentally Sustainable Design (ESD) throughout our Practice and educate our employees on ways we can impact tomorrow, today.

ClarkeHopkinsClarke's first year as a certified Climate Active member was in FY2019 where we recorded 495.32 tonnes of CO_2-e. Last financial year we recorded 433.67 tonnes of CO_2-e and have further reduced our emissions this financial year to 404.49 tonnes CO_2-e. ClarkeHopkinsClarke commits to reducing our emissions across its operational activities by at least 30% below base year 2019 levels (to 346.72 tonnes of CO_2-e) by FY2027. To achieve this, we commit to reducing our emissions by at least 3.75% each year, or a total of 148.6 tonnes of CO_2-e from our base year 2019. We are currently above this emission target, showing a decrease in our operational emissions by 18.34% in the three years since we have been certified Climate Active.

ClarkeHopkinsClarke's emissions reduction strategy involves:

- Measuring, monitoring and reporting on our carbon emissions
- Reducing our emissions by minimising our reliance on unsustainable resources
- Reviewing and improving processes to reduce emissions in areas with the highest emission impact
- Educating and encouraging our employees and contractors to minimise their daily environmental impacts
- Disseminating our emission reduction commitments to our clients, consultants and suppliers to encourage sustainable change within the industry
- Promoting the use of ESD principles at a fundamental design level within the practice through establishing attainable benchmarks
- Incorporating our emissions reduction strategy with our BCorp strategic direction and our management system and processes

ClarkeHopkinsClarke has the following commitments:

1. Continue to reduce emissions in our day-to-day operations by 7% by 2027

ClarkeHopkinsClarke is committed to report on and consider reducing emissions from all mandatory activities under our direct control such as:

- Reducing our paper usage through improved use of online filing and file sharing and using 100% recycled paper from FSC/PEFC sources where possible
- Endeavour to transition to Green Power as availability increases (we have transitioned to certified carbon neutral energy at this time)
- Using electronic marketing and communication channels where possible in order to reduce paper usage and mailing services
- Minimising the amount of waste generated by our operations as well as reusing and recycling as much waste as possible
- Videoconferencing from the desk and meeting rooms and sharing screens to avoid business travel emissions
- Continue working and partnering with suppliers offering carbon neutral goods and services
- Partnering with our suppliers to enable reduction in GHG emissions

2. Promote our Green Travel Plan and carpooling to reduce privately-owned vehicle fuel consumption by 5% by 2027

We aim to reduce our reliance on cars by promoting carpooling and using public transport. Currently our staff commute is the second highest contributor to ClarkeHopkinsClarke's carbon emissions. To address and reduce emissions resulting from staff commute we will:

- Encourage the use of walking, cycling and carpooling to the office
- Promote the use of Flexicar and other ride share companies to attend site visits
- Explore the possibility of providing incentives and salary sacrifice options for taking public transport
- Educate our employees on the benefits of owning an electric powered vehicle

3. Ensure that our business travel reduces its impact on the environment by 6% by 2027

Our third largest contributor to our carbon footprint is emissions produced through business travel, with most of this produced from petrol vehicles and air travel. This can be reduced by:

- Ensuring flights are taken only as essential
- Ensuring any flight bookings shall be made by purchasing a carbon neutral seat
- Reviewing our reliance on petrol powered vehicles to visit site once the electric vehicle market matures in Australia. In the meantime, we aim to educate our employees on alternative methods of transportation as outlined in point 2.
- Further investigate using carbon neutral services for accommodations and hotels for business trips and opt for a 'green' hotel if available

4. Facilitate an increase in climate change action and ESD knowledge across the Practice

ClarkeHopkinsClarke will facilitate an increase in climate change action, knowledge, and capability across

the Practice. We will encourage all our employees to reduce their carbon footprint while working from home. Emissions from remote working currently accounts for 8.5% of our total emissions. ClarkeHopkinsClarke will encourage its employees working from home to observe practices aimed at reducing carbon footprints such as switching to energy-saving lightbulbs in the home-office, replacing energy-inefficient devices with the latest green technology alternatives and choosing eco-friendly office equipment. We will support our employees to undertake climate action and sustainability education in their roles and further develop their understanding through training and professional development opportunities. We will continue to monitor the effectiveness of training through our annual Employment Engagement Survey and Emission Calculations. We aim to have reduce our employees' emissions from working from home by 0.75% by 2027.

Emissions reduction actions

ClarkeHopkinsClarke offsets our emissions by purchasing gold standard carbon credits that support old growth forest preservation in Tasmania, natural habitat protection and indigenous environmental management in Timor Leste and environmental management projects on Cape York through the Expand Foundation. We have worked to reduce the greenhouse gas emissions of our operations and have committed to various actions and projects this year to achieve carbon neutrality.

For FY2022, ClarkeHopkinsClarke has continued its commitment to report on and consider all mandatory emissions from activities under our direct control such as office supplies, equipment and services. Reducing our reliance on materials and moving to various electronic platforms as seen a 18% reduction on emissions in these areas.

ClarkeHopkinsClarke moved to its current premises in June 2021. Our office is located on level 9 of Melbourne Connect, Australia's premier purpose-built innovation precinct that has achieved multiple 6 Star Green Star ratings – setting the standard for sustainability. This has impacted not only our emissions output from the building we occupy, but has provided a working environment where we engage everyday with the design philosophy we endeavour to commit to on all of our projects.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		
		Total tCO_2-e
Base year/Year 1:	2018–19	495.3
Year 2:	2019–20	386.2
Year 3:	2020–21	433.7
Year 4:	2021-22	404.5

Significant changes in emissions

ClarkeHopkinsClarke's electricity emissions for FY2022 have increased by about 23% from the previous year due to not changing electricity providers once we moved into our new premises. As the move coincided with the lockdown instability period due to Covid-19, this was not noticed until an investigation revealed we had not been purchasing carbon neutral electricity. This has been rectified and we have since moved to a Climate Active certified company with a carbon neutral program.

Emission source name	Current year (tCO_2-e)	Previous year (tCO_2-e)	Detailed reason for change
Electricity	105.7	7.5	Change of office locations and did not purchase carbon neutral electricity
Printing and stationery	23.1	38.6	Less reliance on printed material and more focus on electronic platforms
Working From Home	34.5	99.1	Less lockdowns, so more employees were in the office working

Use of Climate Active carbon neutral products and services

This assessment and Climate Active submission was prepared with the assistance of Pangolin Associates and these services are also carbon neutral.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

Emission category	Sum of Scope 1 (tCO_2-e)	Sum of Scope 2 (tCO_2-e)	Sum of Scope 3 (tCO_2-e)	Sum of total emissions (tCO_2-e)
Accommodation and facilities	0.0	0.0	3.7	3.7
Cleaning and Chemicals	0.0	0.0	2.5	2.5
Climate Active Carbon Neutral Products and Services	0.0	0.0	0.0	0.0
Electricity	0.0	105.7	0.0	105.7
Food	0.0	0.0	14.8	14.8
ICT services and equipment	0.0	0.0	36.0	36.0
Office equipment & supplies	0.0	0.0	24.6	24.6
Postage, courier and freight	0.0	0.0	0.9	0.9
Products	0.0	0.0	0.1	0.1
Professional Services	0.0	0.0	29.1	29.1
Refrigerants	0.0	0.0	0.0	0.0
Stationary Energy (gaseous fuels)	22.6	0.0	1.8	24.3
Transport (Air)	0.0	0.0	18.7	18.7
Transport (Land and Sea)	51.8	0.0	53.1	104.9
Waste	0.0	0.0	3.6	3.6
Water	0.0	0.0	1.0	1.0
Working from home	0.0	0.0	34.5	34.5
Total	**74.4**	**105.7**	**224.4**	**404.5**

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	405
3. Total eligible offsets required for this report	405
4. Total eligible offsets purchased and retired for this report	405
5. Total eligible offsets banked to use toward next year's report	0

The details of offsets relating to this certification also cover the ClarkHopkinsClare's Service certification. The relevant PDS can be found here.

Co-benefits

NIHT Topaiyo REDD +

NIHT Inc. has partnered with the traditional landowners of New Ireland and East New Britain to put an end to deforestation initiated by industrial logging in the region. The preservation of these rainforests is essential to not only the carbon and biodiversity benefits inherent with projects of this nature, but also for the wellbeing and prosperity of the people of New Ireland and East New Britain. The project is located in the forested areas of New Ireland and East New Britain in Papua New Guinea. The project has evolved based on the input and needs expressed by persons living in the region. What began as a traditional timber operation has been recognised as an opportunity with enormous carbon sequestering potential and has evolved into a forest protection project that will provide substantial economic benefits to the people of Papua New Guinea. Through the avoidance of carrying out exploitative industrial commercial timber harvesting in the project area, the project expects to generate nearly 60 million tonnes of CO2 emissions reductions across the 30 year project lifetime, depending on the number and size of Project Activity Instances (PAIs) added to the project.

Rimba Raya

Rimba Raya is situated in Central Kalimantan in Indonesian Borneo. Covering land approximately the same size as Singapore, it is known as one of the largest Orangutan sanctuaries in the world. Offering a viable alternative to deforestation, a practice very common in the area, the project has a wealth of benefits to the biodiversity of the region and the surrounding communities. Rimba Raya is home to over 300 species of birds, 122 species of mammals and 180 species of trees and plants. The project has strong community based initiatives including increased employment for communities, greater access to medical and health services, and assistance with education.

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 (%)**
NIHT Topaiyo REDD+	VCUs	Verra	7 December 2022	10695-239583329-239583519-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2019	0	191	0	0	191	47.2%
NIHT Topaiyo REDD+	VCUs	Verra	7 December 2022	8799-46535789-46535799-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2019	0	11	0	0	11	2.7%
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	7 December 2022	7094-368771310-368771509-VCU-016-MER-ID-14-674-01072014-31122014-1	2014	0	200	0	0	200	49.4%
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	7 December 2022	7627-414675622-414675624-VCU-016-MER-ID-14-674-01072014-31122014-1	2014	0	3	0	0	3	0.7%
									Total offsets retired this report and used in this report	405	
									Total offsets retired this report and banked for future reports	405	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	405	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

In 2016 we were certified as a BCorp, a global movement of around 3000 businesses in more than 70 countries and 150 industries using the power of business to address the world's most pressing environmental and social challenges. Being a BCorp is also about finding ways to ensure equal opportunities for all. From diversity of staff, ownership structures and engagement of third-party suppliers.

To gain certification, businesses must meet the highest verified standards of social and environmental performance, transparency, and accountability, to score at least 80 points out of a possible 200. To maintain BCorp status, businesses must re-certify every 3 years and improve on their score. In 2016 our score was 94.9 and in 2019 we re-certified at 117.4, placing us in the top 5% of Australian BCorps.

As one of Australia's first Architectural BCorps, and one of the largest Architectural BCorps in the world, we are obliged to ensure every decision we make impacts positively. Not just on our bottom line or our client's portfolios, but also on our workers, customers, suppliers, community and the environment. We became a B Corp to change the nature of business. For-profit firms often face pressure to forgo social and environmental goals in favour of maximising profits. We believe businesses can be both profitable and ethical and we're proof that it works. Doing good is just good business.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach.

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 ($kgCO_2e$)	Renewable Percentage of total
Behind the meter consumption of electricity generated	3,531	0	2%
Total non-grid electricity	**3,531**	**0**	**2%**
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	67,082	0	31%
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)	39,574	0	18%
Residual Electricity	106,223	105,688	0%
Total grid electricity	**212,879**	**105,688**	**49%**
Total Electricity Consumed (grid + non grid)	**216,409**	**105,688**	**51%**
Electricity renewables	110,186	0	
Residual Electricity	106,223	105,688	
Exported on-site generated electricity	**0**	**0**	
Emissions ($kgCO_2e$)		105,688	

Total renewables (grid and non-grid)	**50.92%**
Mandatory	**18.29%**
Voluntary	**31.00%**
Behind the meter	**1.63%**
Residual Electricity Emission Footprint (TCO_2e)	**106**

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 ($kgCO_2e$)	Scope 3 Emissions ($kgCO_2e$)
ACT	0	0	0
NSW	22,186	17,305	1,553
SA	0	0	0
VIC	190,693	173,530	19,069
QLD	0	0	0
NT	0	0	0
WA	0	0	0
TAS	0	0	0
Grid electricity (scope 2 and 3)	**212,879**	**190,835**	**20,622**
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
VIC	3,531	0	0
QLD	0	0	0
NT	0	0	0
WA	0	0	0
TAS	0	0	0
Non-grid electricity (Behind the meter)	**3,531**	**0**	**0**
Total Electricity Consumed	**216,409**	**190,835**	**20,622**

Emission Footprint (TCO_2e)	**211**
Scope 2 Emissions (TCO_2e)	191
Scope 3 Emissions (TCO_2e)	21

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions ($kgCO_2e$)
N/A	**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
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions

2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.

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

4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.

5. **Outsourcing** 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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A						

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