



# **PUBLIC DISCLOSURE STATEMENT**

**BRIDGE42 PTY LTD**

**SIMPLE SERVICE CERTIFICATION**

**FY2021-22**

Australian Government  
**Climate Active  
Public Disclosure Statement**



NAME OF CERTIFIED ENTITY	Bridge42 Pty Ltd
REPORTING PERIOD	Financial year 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>Andrew Durkin Managing Director</p> <p>Date 26 July 2023</p>



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

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# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	317 tCO <sub>2</sub> -e
THE OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	Next technical assessment due: FY2024

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This certification is for the Consulting Services provide by Bridge42 Pty Ltd, ABN 21 105 375 184.

For this first year of certification (FY2020-21), Bridge42 Pty Ltd was still operating under the entity "NS Projects Pty Ltd". Bridge42's organisaion is certified separately.

### Service description

At Bridge42, our purpose is to reveal the promise of Australia's emerging future.

We are a national consulting firm providing strategic, future-focussed and vertically integrated property advisory, development and project management services for circa \$10 billion in land, master planning and built form developments. We also collaborate with government and industry on various economic development, climate change, community and policy initiatives.

Established since 2003 and with offices in Sydney, Melbourne, Brisbane and Perth, we are the partner of choice for many private, government and institutional clients.

Visit [www.bridge42.com.au](http://www.bridge42.com.au) to find out how we deliver transformative outcomes.

All services are provided under the one entity: Bridge42 Pty Ltd, ABN 21 105 375 184.

Our service is a full-coverage service certification covering our cradle to grave emissons.

Our functional unit is tCO<sub>2</sub>-e produced per billable hour.

*"The future is shaped by the choices we make today, together."*

*Climate Active Certification is the result of Bridge42 taking dedicated ownership of emissions, cutting ties to old practices, and igniting ambition to realise the promise of Australia's emerging future."*

## 3.EMISSIONS REDUCTIONS

### 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**

Accommodation and facilities  
Cleaning and Chemicals  
Climate Active Carbon  
Neutral Products and  
Services  
Construction Materials and  
Services  
Electricity  
Food  
ICT services and equipment  
Machinery and vehicles  
Office equipment & supplies  
Postage, courier and freight  
Professional Services  
Transport (Air)  
Transport (Land and Sea)  
Waste  
Water  
Working from home  
Land and Sea Transport (\$)  
Clothing

**Non-quantified**

Refrigerants

**Optionally included**

N/A

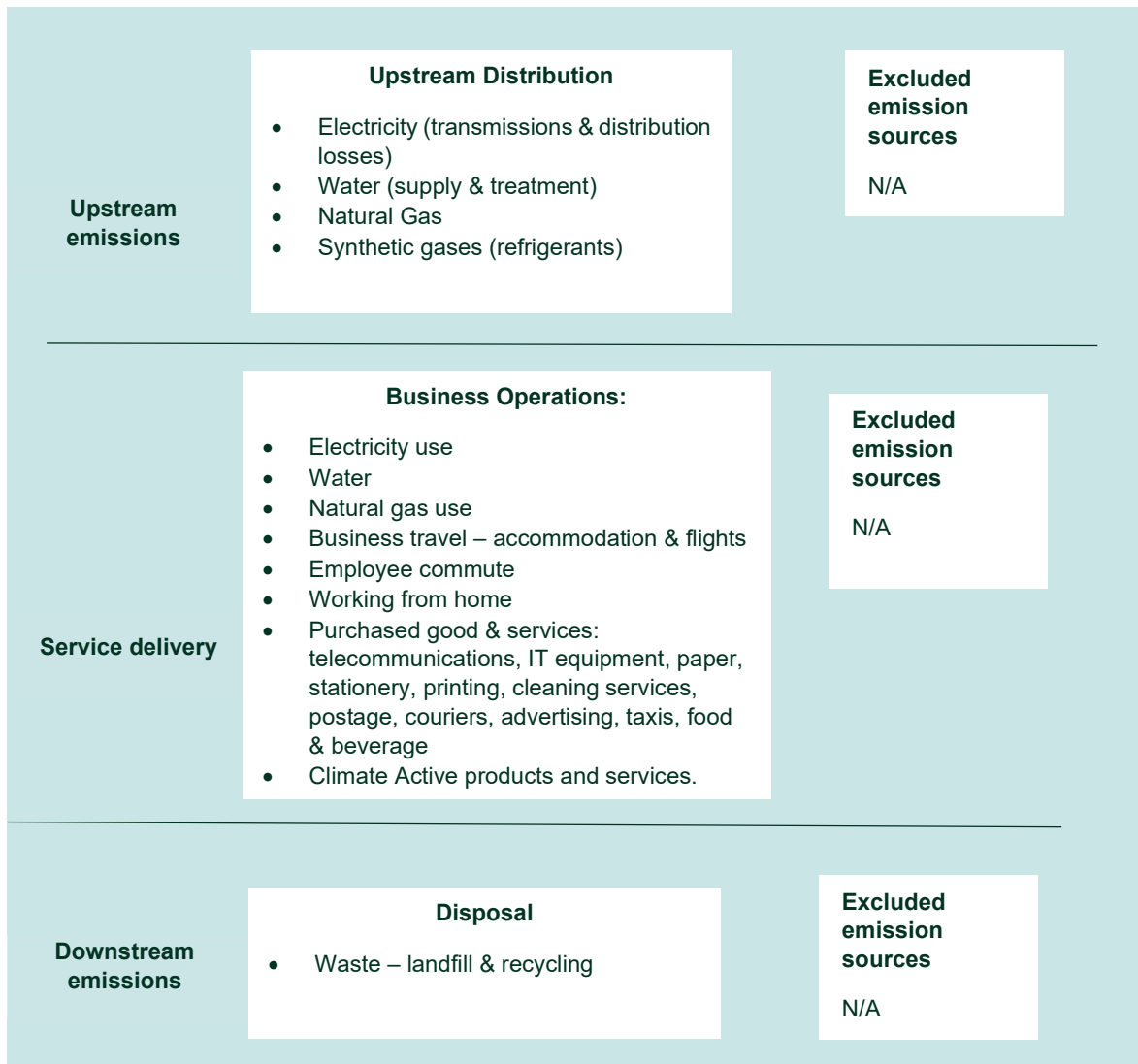
**Outside emission  
boundary**

**Excluded**

N/A

## Service process diagram

Cradle-to-grave



## Data management plan for non-quantified sources

The data management plan below outlines how more rigorous quantification can be achieved for material (greater than 1%) non-quantified emission sources.

Synthetic gas (refrigerant) data was non-quantified due to data unavailability; a 2% uplift was applied to account for this.

- Bridge 42 plans to conduct a refrigerant audit to at least quantify the number of units and types of units. Once this foundational information is collected, refrigerant audits can become more granular, gathering information on gas load (kg) and gas type.

# 4.EMISSIONS REDUCTIONS

## Emissions reduction strategy

### Strategy Statement

At Bridge42, our approach brings strategic foresight, tactical insight, and disciplined oversight into the fold.

Evolving from a company that historically monitored and targeted the reduction of pollution and resource consumption, Bridge42, with the assistance of Pangolin Associates, has begun an endless journey with one goal: to realise what could be.

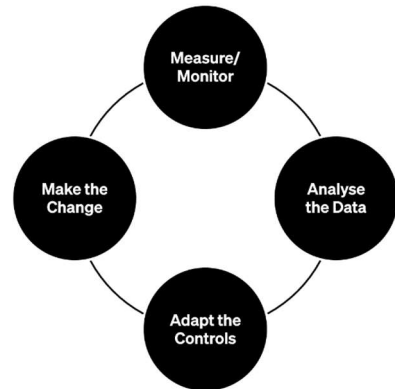
Using historical data and modern practises, including ISO 9001 audit framework, Bridge42 is taking responsibility for, and aggressively targeting, emissions by category with a systematic top-down approach.

### Purpose

Bridge42 is changing the rules and challenging processes from the ground up.

If we are to reveal the promise of Australia's emerging future, taking climate action is critical to delivering on our vision.

We are building upon well-structured, future-focused policies with recorded and analysed outcomes resulting in the active targeting of key emission areas.



### Procedure

1. Specific and measurable corporate- and functional-level emission targets shall be agreed and documented in consultation with Management so performance and achievements can be measured.
2. Objectives and targets shall be set annually as part of the Safety, Health & Environmental (SH&E) Improvement Plan.
3. Positive performance indicators shall be used where possible.
4. Progress towards stated objectives and targets shall be measured and the results published.
5. Objectives and targets shall be reviewed yearly, however, may be changed at any time following agreement between the Managing Director and the SH&E Committee.



## Commitment and targets

Bridge42 commits to reduce total emissions of its business operations by 25% by 2025 compared to the FY2020-21 baseline. For FY2022-23, planned actions will include the following:

Scope 1 emissions will be reduced by:

- Reducing company-owned vehicle travel where possible and maintaining carpooling.

Scope 2 emissions will be reduced by (examples below):

- Install a 20kW solar power system to produce enough power to cover the tenancy yearly consumption, with the goal of being on 100% renewable energy.
- Negotiate with the (new) building owner to install a (another) 20kW solar power system to cover the building common areas.
- Encourage the new tenancy building owner to install all-electric heating (if not already completed on arrival).
- Install high-efficiency products (where available) during the new office fitout.

Scope 3 emissions will be reduced by:

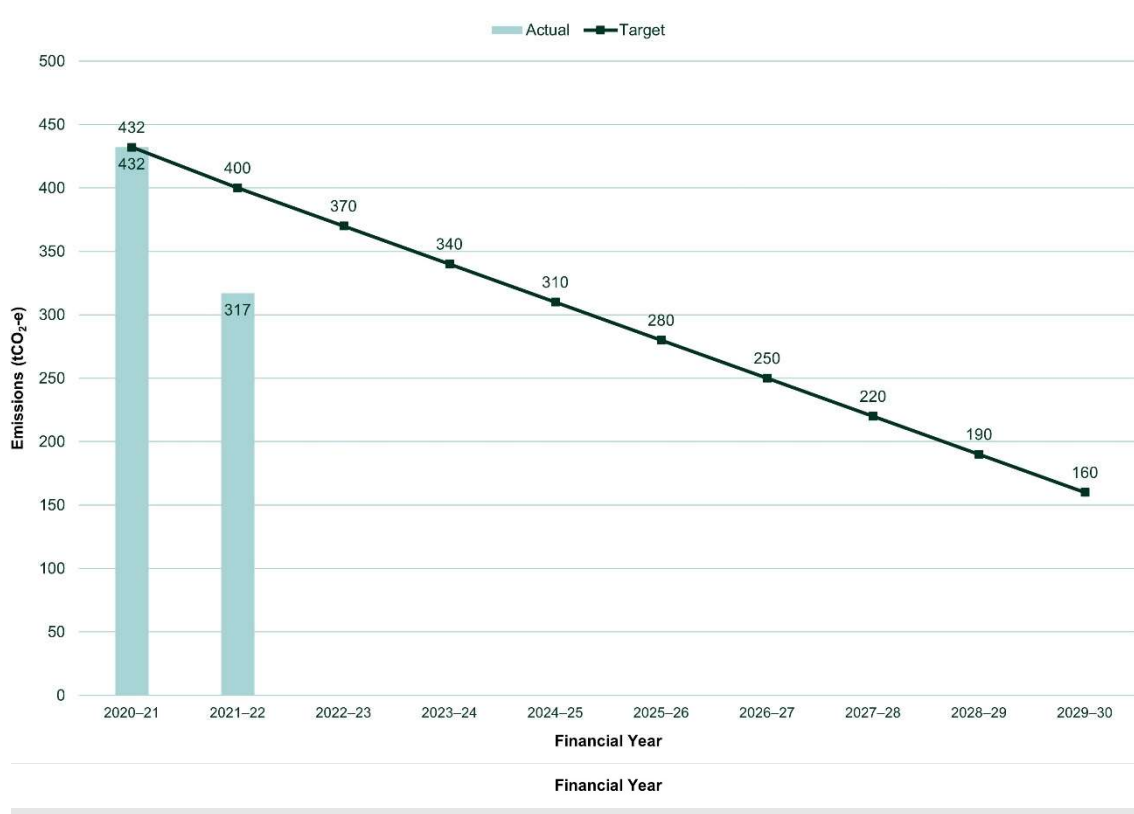
- Relocating the head office.
  - Reduce staff commute, which will promote walk, run, cycling and public transport to and from the office, reducing fuel consumption.
  - Reduce tenancy size and move to a hot desk arrangement.
- Effectively implementing the procurement controls to ensure all products and services are sourced from Climate Active Certified suppliers in the first instance (wherever possible).

A summary of Bridge42's top FY2021-22 categories of emission are detailed and tracked in the table overleaf. Emission categories have been listed by greatest pollution percentage accompanied by their corresponding action and goal.

**Table 1: Emissions and Reduction Targets**

No.	Emission category	Description of action required to reduce	2020/21 baseline (tCO <sub>2</sub> -e)	2021/22 outcome (tCO <sub>2</sub> -e)	2022/23 outcome (tCO <sub>2</sub> -e)	2023/24 outcome (tCO <sub>2</sub> -e)	2024/25 outcome (tCO <sub>2</sub> -e)	Annual reduction target	5 year target	Constraint / Considerations
1.	<b>Purchase of food and beverage</b>	In-depth review of the company's procurement policy – include a list of preferred suppliers to cut emissions at the source and support carbon zero companies.	66.1	27.0				10%	33t (50%)	Availability of Climate Active certified products.
2.	<b>Fuel consumption – staff travel</b>	In-depth review of the company's staff travel policy – staff use of privately-owned cars traveling to site meetings, etc.	57.3	30.4				5%	42t (25%)	Cost of alternatives coupled with an expanding business.
3.	<b>Electricity (tenancy)</b>	In-depth review of the company's procurement policy – ensure energy efficiency is considered when purchasing assets.	43.0	40.7				10%	20t (50%)	Expansion of the business.
4.	<b>Electricity (shared space)</b>	In-depth review of the company's procurement policy – include a review of energy consumption when sourcing a new home for the Perth office.	36.5	8.9				10%	18t (50%)	Little control over the base level for the building.
5.	<b>Staff commute</b>	In-depth review of the company's travel policy – relocate the Perth office from suburb to city to make driving and parking cost prohibitive.	30.0	38.3				10%	15t (50%)	Industry and business-related issue. Cost of alternative vehicles.
6.	<b>Flights</b>	In-depth review of the company's travel policy – review current policy on flight procurement and client-related project travel to purchase travel offsets from the carrier.	25.3	0.5				20%	1-5t (99%)	Accessing certified flights to rural locations may not be available.
7.	<b>Public transport</b>	In-depth review of the company's travel policy – we anticipate this number will increase with the above changes to staff commute.	23.9	22				Maintain	24 (0%)	Increasing pressures from a greater use of public transport over driving.
8.	<b>Technical services</b>	In-depth review of the company's procurement policy – review current service suppliers in line with the above policy changes.	23.7	26.2				5%	11t (25%)	Availability of a Climate Active certified alternative.

**Chart 1: Tracked Performance**



## 5.EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e
Base year:	2021–22	317

### Significant changes in emissions

Emission source name	Current year (tCO <sub>2</sub> -e)	Previous year (tCO <sub>2</sub> -e)	Detailed reason for change
<b>Legal services</b>	23.5	10.6	Previous year legal services captured under an older emission factor for legal services. Most up to date IE Labs emission factor applied for FY22. FY22 activity also reflects increased activity post-COVID-19 lockdowns.
<b>Other Foods &amp; Beverages</b>	21.2	66.1	Previous year "food and beverage industries" captured under an older emission factor. Most up to date IE Labs emission factor applied for FY22.
<b>Total net electricity emissions (Location based)</b>	49.6	78.9	Base building electricity in FY21 was included for Sydney and Melbourne locations but not in FY22 as these are carbon neutral locations for base building.
<b>Parking</b>	21.8	11.5	FY22 activity reflects increased activity post-COVID-19 lockdowns.
<b>Business services</b>	24.4	6.9	In FY22, public administration and finance services and education and training were included under business services. In FY21 they were separate line items.

## 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 carbon neutral.

During the reporting period, the majority of Bridge42's flights were carbon neutral via Qantas and Virgin Australia's carbon neutral service.

During the reporting period, Bridge42 purchased carbon neutral paper in the Perth office.

## Service emissions summary

As a simple service, the boundary of Bridge42's service certification overlaps 100% with the organisation certification. A comprehensive greenhouse gas assessment calculated the emissions associated with all relevant sources.

Stage	tCO2-e
<b>Upstream Distribution</b>	
<ul style="list-style-type: none"> <li>Electricity (transmissions &amp; distribution losses)</li> <li>Water (supply &amp; treatment)</li> <li>Natural Gas</li> <li>Synthetic gases (refrigerants)</li> </ul>	51.7
<b>Business Operations</b>	
<ul style="list-style-type: none"> <li>Electricity use</li> <li>Water</li> <li>Natural gas use</li> <li>Business travel – accommodation &amp; flights</li> <li>Employee commute</li> <li>Working from home</li> <li>Purchased good &amp; services: telecommunications, IT equipment, paper, stationery, printing, cleaning services, postage, couriers, advertising, taxis, food &amp; beverage</li> <li>Climate Active goods and services</li> </ul>	251.5
<b>Disposal</b>	6.6
<ul style="list-style-type: none"> <li>Waste</li> </ul>	
<b>Uplift</b>	6.3
<ul style="list-style-type: none"> <li>2% of total for refrigerants</li> </ul>	

<b>Emissions intensity per functional unit (tCO2-e/billable hour)</b>	<i>Commercially sensitive</i>
<b>Number of functional units to be offset</b>	<i>Commercially sensitive</i>
<b>Total emissions to be offset</b>	<b>317</b>

An uplift factor of 2% was included in the emissions total, as presented in the table above.

## 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	317
3. Total eligible offsets required for this report	317
4. Total eligible offsets purchased and retired for this report	331
5. Total eligible offsets banked to use toward next year's report	14

## Co-benefits

### Wind Based Power Generation by Mytrah Energy (India) Limited

The Mytrah Energy Wind Power Project provides a source of clean energy while improving the overall wellbeing of local communities. The result of Mytrah's work is impressive and contributes to the United Nations Sustainable Development Goals as it provides employment, clean water and sanitation, improved agricultural techniques, and opportunities for everyone – including women and youth. Below are a few examples of the project's outcomes:

- **Lifting poverty, increasing the income of farmers:** Mytrah's contribution includes teaching better, more environmentally-sound methods of fodder cultivation and livestock development. Farmers benefit from higher yields of milk and higher incomes.
- **Providing training for youth:** New training programs help youth find meaningful employment. Areas of study include IT, electrician courses, motor repairs and dairy management.
- **Creating educational programs for gender equality:** Opportunities for adolescent girls include coaching and life skill training. Mytrah facilitates Adolescent Girls Collectives with an aim to restore the rights of young women through parent and community-wide participation.
- **Building better healthcare systems:** This initiative provides training for healthcare workers. One successful program teaches early diagnosis for common diseases such as hypertension and diabetes. Today, there is a clinic and laboratory staffed with skilled volunteers. The project also captures digital data.
- **Clean water and sanitation:** The Swachh Bharat Sanitation Project improves the health and quality of life for rural-based people in the region. The initiative educates communities in sanitation and cleanliness and provides the necessary infrastructure.

### Greenfleet stapled unit (Australia)

Bridge42 has also purchased an additional 331 tonnes (14 banked) of biodiversity offsets through [Greenfleet](#). Greenfleet is a leading Australian not-for-profit environmental organisation on a mission to protect our climate by restoring forests. Greenfleet forests address critical deforestation, restore habitat for wildlife including many endangered species, capture carbon emissions to protect our climate, reduce soil erosion, improve water quality, and economically support local and First Nations communities.

## Eligible offsets retirement summary

100% of Bridge42's emissions relevant to the Service have been captured within the Organisational boundaries. Please refer to [Bridge42's FY2022 Organisation PDS](#) for evidence of the offset retirement.



## 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 location-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 (kgCO2e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0
GreenPower	0	0	0
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)	12,531	0	19%
Residual Electricity	54,874	54,598	0%
<b>Total grid electricity</b>	<b>67,405</b>	<b>54,598</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>67,405</b>	<b>54,598</b>	<b>19%</b>
Electricity renewables	12,531	0	
Residual Electricity	54,874	54,598	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO2e)		54,598	
<b>Total renewables (grid and non-grid)</b>	<b>18.59%</b>		
<b>Mandatory</b>	<b>18.59%</b>		
<b>Voluntary</b>	<b>0.00%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO2e)</b>	<b>55</b>		

*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 (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	7,617	5,941	533
SA	0	0	0
Vic	3,264	2,971	326
Qld	5,717	4,574	686
NT	0	0	0
WA	50,806	34,040	508
Tas	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>67,405</b>	<b>47,526</b>	<b>2,054</b>
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
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>67,405</b>	<b>47,526</b>	<b>2,054</b>
<b>Emission Footprint (TCO2e)</b>	<b>50</b>		
<i>Scope 2 Emissions (TCO2e)</i>	48		
<i>Scope 3 Emissions (TCO2e)</i>	2		

## Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
Carbon Neutral Buildings: Sydney office: 580 George St Melbourne office: 530 Collins St	146	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.

No emission sources in Bridge42's organisation boundary were non-quantified in FY2022.

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
Refrigerants	N/A	N/A	Yes	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 emission sources were excluded from Bridge42's organisation boundary in FY2022.

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

### 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>
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N/A



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