



# **PUBLIC DISCLOSURE STATEMENT**

**GREENBOX GROUP PTY LTD**

**ORGANISATION CERTIFICATION  
FY2022–23 (TRUE-UP)**

Australian Government

# Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Greenbox Group Pty Ltd
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 2023 True-up
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><i>Ross Thompson</i></p> <p>Ross Thompson Chief Executive Officer Date</p>



Australian Government

Department of Climate Change, Energy,  
the Environment and Water

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Version August 2023.



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	Offset by organisation 1,141 tCO <sub>2</sub> -e Offset by service 43 tCO <sub>2</sub> -e Total Emissions to be offset 1,184 tCO <sub>2</sub> e
OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: EnergyLink Services Pty Ltd
TECHNICAL ASSESSMENT	Date: FY22/23 Name: Philip Link Organisation: EnergyLink Services Next technical assessment due: FY25/26
THIRD PARTY VALIDATION	Type 1 28/04/2024 KREA Consulting Pty Ltd

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

The Australian business operations of Greenbox Group Pty Ltd, ABN 53635351870 and IT asset disposition services provided by Greenbox Group Pty Ltd.

The functional unit for the service certification is kgCO<sub>e</sub>-e per kg of equipment processed.

### Organisation description

Greenbox Group Pty Ltd, ABN 53 635 351 870, is a privately-owned IT asset lifecycle management company, with high-security facilities in Brisbane, Sydney, Canberra, Melbourne and Auckland.

We provide end-to-end services across the technology lifecycle, including pre-deployment, connected configuration, deployment, asset recovery and data security with 100% of e-waste diverted from landfill.

At Greenbox, we protect your data, your reputation and our planet – in a controlled and consistent way. We have robust governance in place, starting with our board and ending on the warehouse floor. Twenty quality ISO certifications attest to this, in safety, quality, and the environment.

We securely manage a wide range of IT assets, including: PCs, laptops, monitors, servers and storage, communications and networking, mobile phones and tablets, and telecommunications equipment. We specialise in the needs of industry: government, education, banking and defence to name a few.

In addition to currently holding 20 ISO certifications across its 5 large service facilities in Australia and New Zealand, Greenbox Group's facilities are all R2 certified via Sustainable Electronics Recycling International, the worlds most advanced standard for responsible practices for used electronics.

The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN
Greenbox Group Pty Ltd	53 635 351 870	

## 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 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.

## Inside emissions boundary

### Quantified

Accommodation and facilities  
Climate Active carbon neutral products and services  
Electricity  
ICT services and equipment  
Machinery and vehicles  
Postage, courier and freight  
Professional Services  
Transport (Air)  
Transport (Land and Sea)  
Working from home

### Non-quantified

Oils, greases and lubricants  
Water

## Outside emission boundary

### Excluded

Waste\* (General waste & commercial and industrial waste)

Embodied emissions from freight medium (e.g., embodied emissions of truck)

Auckland office

\*Activity and associated emissions are reported in Greenbox's Climate Active Service PDS

## 4.EMISSIONS REDUCTIONS

### Emissions reduction strategy

Over twenty years ago, Greenbox was one of the first market entrants to the ITAD (Information Technology Asset Disposition) space in Australia, and by virtue of the services that we deliver as an organisation (diverting e-waste away from landfill via refurbishing, recycling, and remarketing electronic assets) we are already a sustainability leading organisation at our very core.

Since inception, Greenbox Group's circular economy practices have prevented more than 65 million kilograms of CO2 from being emitted into the atmosphere along with preventing more than 120,000 kilograms of toxic materials from leaching into landfills around the world.

Greenbox Group's bespoke Environmental portal provides customers with real time data in relation to the carbon emissions that they are mitigating via engaging with Greenbox Group's services, with customer carbon certificates also able to be generated via this portal. As part of this certification, Greenbox commits to a 20% reduction in emission per staff members by 2028, from FY2022-23 base year and at least a 30% reduction per staff members by CY2033. As the vast majority of the emissions sources are shared (>95%) between the organisation and service certifications, these emissions reduction target will broadly apply on a per functional unit basis as well.

The reduction will be achieved by the following:

#### Scope 1

- Using low-emission fuel, hybrid and electric vehicle for travel whenever possible.
- Supporting cycling to work with the provision of in-office secure bike storage racks and providing practice managed Opal cards to encourage public transport use for practice travel where appropriate.

#### Scope 2

- Start procuring 100% GreenPower electricity.
- Complete an energy assessment of Greenbox facilities, commencing with the Lytton, QLD facility
  - The energy assessment to examine suitability/feasibility of solar and battery storage as well as other potential energy efficiency upgrades available.
- Educate Greenbox staff to reduce office's energy consumption (e.g. switch-off campaign)

#### Scope 3

- Establishing green procurement policies, such as:
  - Using Climate Active certified businesses/organisations when acquiring products and services.
  - Utilising video conference technology to avoid travel emissions.
  - Buying recycled products to prevent waste-to-landfill.
- Building carbon and climate capability within our sales teams to educate our customers on the benefits of procuring Greenbox's carbon neutral service. This training program will be delivered at least once a year to the Greenbox sales team and executive.

Greenbox is committed to periodically implementing energy and carbon reduction initiatives. Furthermore, once we identify energy and carbon reduction opportunities available to the business, we will consider setting a Science-Based Target.



## 5.EMISSIONS SUMMARY

### Emissions over time

N/A

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

Certified brand name	Product/Service/Building/Precinct used
EnergyLink Services	Climate Active Certification Service

### Emissions summary

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

The previous report was a projection report using representative data to estimate the emissions for the reporting year. This table shows the differences between the projected emissions and the actual emissions recorded.

Emission category	Projected emissions (tCO <sub>2</sub> -e)	Sum of Scope 1 (t CO <sub>2</sub> -e)	Sum of Scope 2 (t CO <sub>2</sub> -e)	Sum of Scope 3 (t CO <sub>2</sub> -e)	Sum of Total Emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	5.09	-	-	7.73	7.73
Climate Active carbon neutral products and services	0.00	-	-	-	0.00
Electricity	146.90	-	174.82	22.92	197.73
ICT services and equipment	12.53	-	-	40.79	40.79
Machinery and vehicles	2.76	-	-	0.72	0.72
Postage, courier and freight	684.18	-	-	617.02	617.02
Professional services	61.23	-	-	31.40	31.40
Transport (air)	12.58	-	-	72.06	72.06
Transport (land and sea)	100.71	61.56	-	96.30	157.85
Waste	30.13	-	-	-	-
Working from home	0.54	-	-	4.37	4.37
<b>Total</b>	<b>1,056.65</b>	<b>61.56</b>	<b>174.82</b>	<b>893.30</b>	<b>1,129.67</b>
<b>Difference between projected and actual emissions</b>	Projected minus actual = -73.02 tCO <sub>2</sub> -e				

## Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO <sub>2</sub> -e
1% Uplift to account for non-quantified sources where data collection is not cost effective	11.30
Total of all uplift factors	11.30
<b>Total emissions footprint to offset</b> <i>(total emissions from summary table + total of all uplift factors)</i>	<b>1,141</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 1,184 tCO<sub>2</sub>-e (1,141 tCO<sub>2</sub>-e for Organisation certification and 43 tCO<sub>2</sub>-e for Service certification). The total number of eligible offsets used in this report is 1,141. Of the total eligible offsets used, 1,800 were previously banked and 0 were newly purchased and retired. 616 are remaining and have been banked for future use.

### Co-benefits

#### Moombidiary Forest Regeneration Project

Kullilli Bulloo River and Budjiti Aboriginal Corporations are the Traditional Custodians of Moombidiary Station, a 150,000 hectare property in Queensland which is owned and managed by fifth-generation farmer George Mack. The project involves reducing the impact of agricultural practices on regenerating trees, including by investing in new infrastructure and establishing rotational grazing practices.

The Moombidiary Forest Regeneration Project has already reduced 550,889 tonnes of greenhouse gas emissions since 2012, and will deliver a further one million tonnes in emission reductions over the next 10 years. The project has also helped the Traditional Custodians to regain access and connection to their traditional country and providing options to return to cultural management practices. The project also provides local employment opportunities such as to assist in annual field work and monitoring of regenerating forest across the carbon project.

Key co-benefits include:

- Carbon sequestration
- Investment in the local community
- Regeneration of the land, improved soil health, reduced erosion and increased ground cover
- Preservation of native species habitat
- Establishment of rotational grazing practices
- Regeneration of traditional medicines and bush tucker
- Revenue is used to invest in new infrastructure



## Eligible offsets retirement summary

Offsets retired 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 retired (tCO <sub>2</sub> -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 (%)
<b>Moombidary Forest Regeneration Project</b>	ACCUs	ANREU	27 June 2022	8,342,936,647 - 8,342,938,446	2021-22	0	1,800	0	616	1,141	100%
Total eligible offsets retired and used for this report										1,141*	
Total eligible offsets retired this report and banked for use in future reports									616		
Type of offset units		Eligible quantity (used for this reporting period)						Percentage of total			
Australian Carbon Credit Units (ACCUs)								100%			

\*Additional 43 offsets were retired in the Service PDS, as such only 616 offsets are banked for use in future reports.

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### 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 CO <sub>2</sub> -e)	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)	0	0	0%
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)	26,156	0	11%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	6,633	0	3%
Large Scale Renewable Energy Target (applied to grid electricity only)	37,490	0	16%
Residual Electricity	164,417	157,019	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>70,279</b>	<b>0</b>	<b>30%</b>
<b>Total grid electricity</b>	<b>234,696</b>	<b>157,019</b>	<b>30%</b>
<b>Total electricity (grid + non grid)</b>	<b>234,696</b>	<b>157,019</b>	<b>30%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>164,417</b>	<b>157,019</b>	
Scope 2	145,200	138,666	
Scope 3 (includes T&D emissions from consumption under operational control)	19,218	18,353	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	

<b>Total renewables (grid and non-grid)</b>	<b>29.94%</b>
<b>Mandatory</b>	<b>18.80%</b>
<b>Voluntary</b>	<b>11.14%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>138.67</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>18.35</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>138.67</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>18.35</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>157.02</b>
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	



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 (kgCO <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
ACT	35,284	35,284	25,757	2,117	0	0
NSW	75,420	75,420	55,057	4,525	0	0
SA	0	0	0	0	0	0
VIC	29,074	29,074	24,713	2,035	0	0
QLD	94,918	94,918	69,290	14,238	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>234,696</b>	<b>234,696</b>	<b>174,817</b>	<b>22,915</b>	<b>0</b>	<b>0</b>
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		
<b>Non-grid electricity (behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>234,696</b>					

Residual scope 2 emissions (t CO <sub>2</sub> -e)	174.82
Residual scope 3 emissions (t CO <sub>2</sub> -e)	22.92
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	174.82
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	22.92
<b>Total emissions liability</b>	<b>197.73</b>

### 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 <sub>2</sub> -e)
N/A	0	0
<i>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.</i>		

### Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO <sub>2</sub> -e)
N/A	0	0
<i>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.</i>		

## APPENDIX C: INSIDE EMISSIONS BOUNDARY

### Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. 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
Oils, lubricants and greases	Quantification is not cost effective relative to the size of the emission but uplift applied.
Water	Quantification is not cost effective relative to the size of the emission but uplift applied.

### 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 EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation'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 precinct'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.

## Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Embodied emission in freight medium	Y	N	N	N	N	<p><b>Size:</b> The emissions source is likely to be large compared to the total emissions from electricity, stationary energy and fuel emissions</p> <p><b>Influence:</b> We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our business.</p> <p><b>Risk:</b> There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p><b>Stakeholders:</b> Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p><b>Outsourcing:</b> We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>
Auckland office	Y	N	N	N	N	<p>Outside of the emissions boundary, the Auckland office contributes to the New Zealand business operations and not the Australian business operations.</p>



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# Guidance - Organisations - Public Disclosure Statement

Final Audit Report

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