PUBLIC DISCLOSURE STATEMENT

GREENBOX GROUP PTY LTD

ORGANISATION & SERVICE CERTIFICATION
FY2022–23 (PROJECTED)

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 Projected
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.*  Ross Thompson Chief Executive Officer 08/09/2022

Australian Government
Department of Industry, Science, Energy and Resources

Version September 2021. To be used for FY20/21 reporting onwards.

1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	Offset by organisation 1,067.22 tCO_2-e Offset by service 50.88 tCO_2-e
THE OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	18.59%
TECHNICAL ASSESSMENT	Date: FY22/23 Name: Philip Link Organisation: EnergyLink Services Next technical assessment due: FY25/26
THIRD PARTY VALIDATION	Not applicable – Third party validation to be completed at the end of FY2022-23 as part of the true-up process.

Contents

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 $kgCO_e$-e per kgs 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.

"Whilst Greenbox is extremely proud of its environmental credentials over the last 20 years of operations, we acknowledge that more needs to be done via organisations such as Climate Active in order to reverse the catastrophic impacts of climate change.

Since inception, Greenbox Group's circular economy practices have prevented more than 65 million kilograms of CO_2 from being emitted into the atmosphere along with preventing more than 120,000 kilograms of toxic materials from leaching into landfills around the world.

We will continue to invest in best practice internal and external activities & initiatives that will leave a safe, secure and sustainable impact for generations to come."

Service description

Greenbox Group Pty Ltd provides services across the entire IT asset lifecycle. This means we can assist in the implementation of new tech for businesses (IT deployment) and take care of the old assets no longer needed (asset recovery and disposal), plus a plethora of services in-between (managed services). These are daunting tasks for most businesses and achieving them securely and with full compliance takes real expertise.

We strive to limit technologies impact on the world, both in terms of environmental compliance and data security. In essence, handling electronics responsibly and reducing its footprint on the planet.

The functional unit for the service certification is $kgCO_2$-e per kg of equipment processed and will be a full coverage with a cradle to grave approach.

3. EMISSIONS BOUNDARY

ORGANISATION EMISSIONS BOUNDARY

Inside the emissions boundary

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

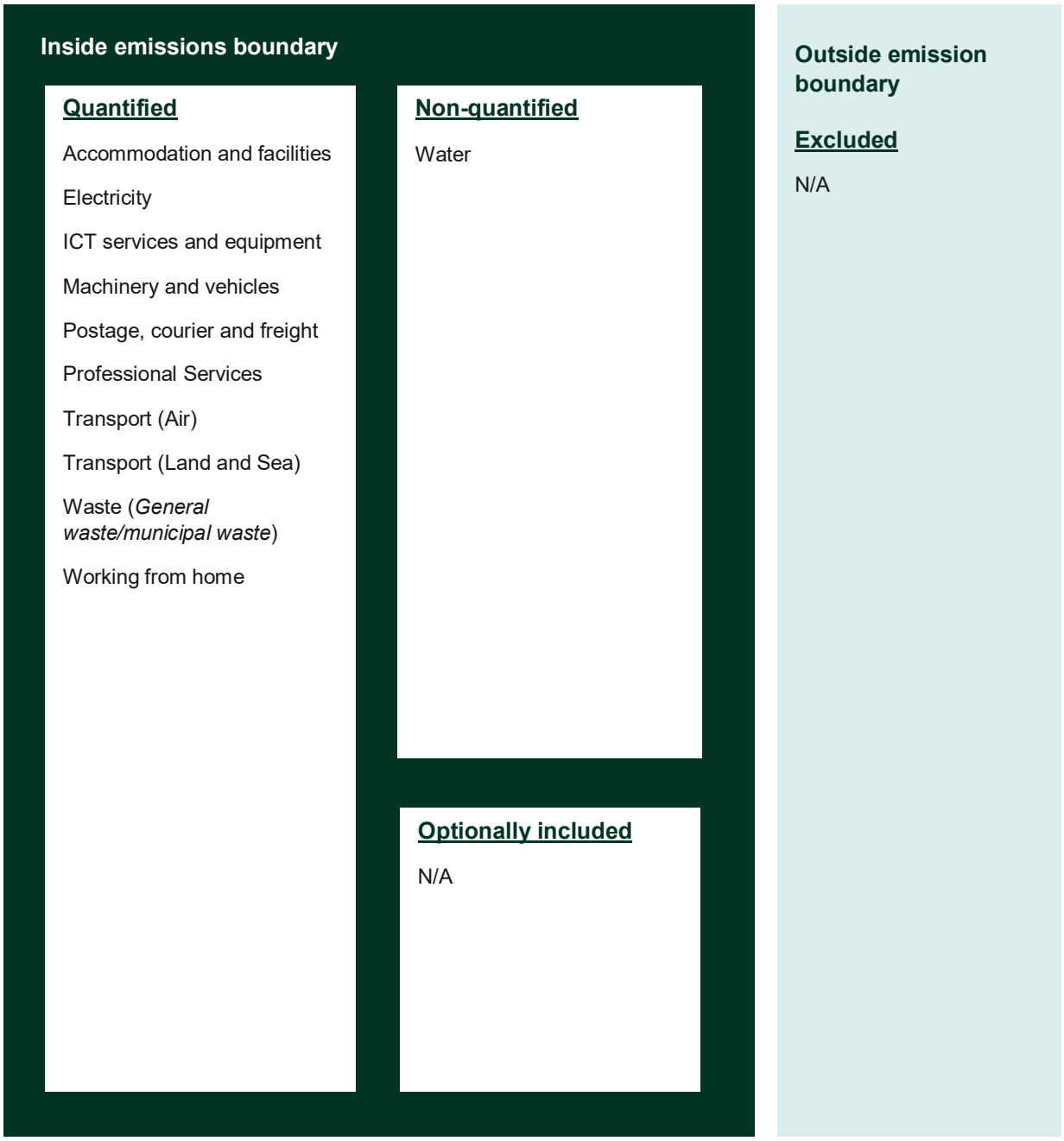
Quantified emissions have been assessed as relevant and are quantified in the carbon inventory.

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.

Organisation emissions boundary



SERVICE 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' that become the service, make the service and carry the service through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable and are 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.

Service emissions boundary

Inside emission boundary

Quantified

Accommodation and facilities

Electricity

ICT services and equipment

Machinery and vehicles

Postage, courier and freight

Professional Services

Transport (Air)

Transport (Land and Sea)

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

Working from home

Non-quantified

Oils, greases and lubricants

Optionally included

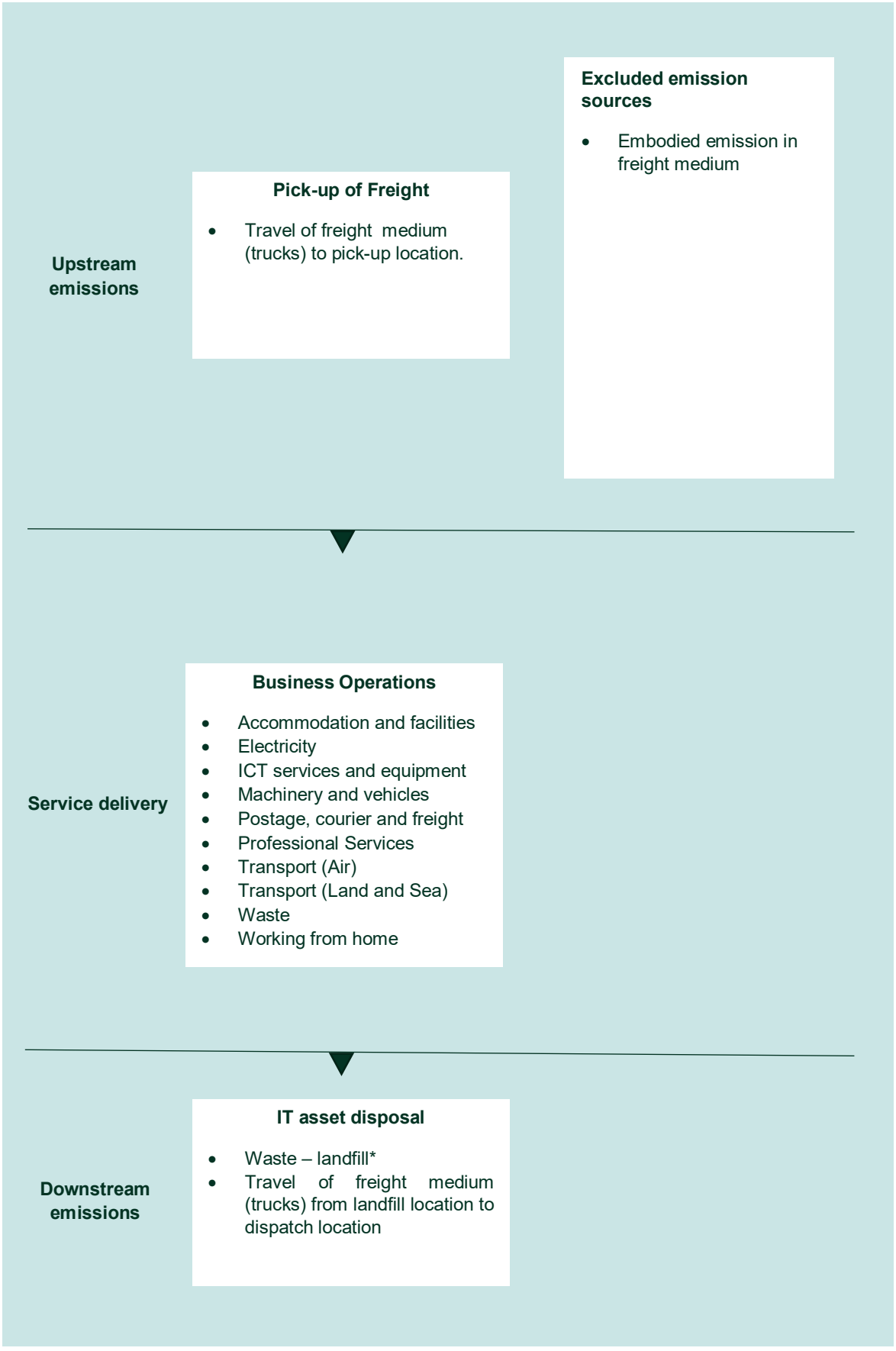
N/A

Outside emission boundary

Non-attributable

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

Service process diagram



*this is the only emissions source that is unique to the service certification

Data management plan for non-quantified sources

The consumption of oils, greases and lubricants is an attributable emission source that has been non-quantified due to immateriality.

Water consumption information for office spaces will be collected in the form of purchase records.

An uplift factor has been applied for all non-quantified emission sources.

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 CO_2 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 Greenboxs' 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.

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5. EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

N/A

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	-	-	5.09	5.09
Air transport (fuel)	-	-	-	-
Air transport (km)	-	-	12.58	12.58
Bespoke	-	-	-	-
Carbon neutral products and services	-	-	-	-
Cleaning and chemicals	-	-	-	-
Construction materials and services	-	-	-	-
Electricity	-	146.90	-	146.90
Food	-	-	-	-
Horticulture and agriculture	-	-	-	-
ICT services and equipment	-	-	12.53	12.53
Land and sea transport (fuel)	39.81	-	2.04	41.85
Land and sea transport (km)	-	-	58.86	58.86
Machinery and vehicles	-	-	2.76	2.76
Office equipment & supplies	-	-	-	-
Postage, courier and freight	-	-	684.18	684.18
Products	-	-	-	-
Professional services	-	-	61.23	61.23
Refrigerants	-	-	-	-
Roads and landscape	-	-	-	-
Stationary energy	-	-	-	-
Waste	-	-	30.13	30.13
Water	-	-	-	-
Working from home	-	-	0.54	0.54
Total	**39.81**	**146.90**	**869.94**	**1,056.65**

Uplift factors

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

Reason for uplift factor	tCO_2-e
1% uplift factor for water consumption & oils and greases	10.5665
Total footprint to offset (uplift factors + net emissions)	1,067.22

Service emissions summary

The emissions associated with the IT services provided by Greenbox Group Pty Ltd are described below.

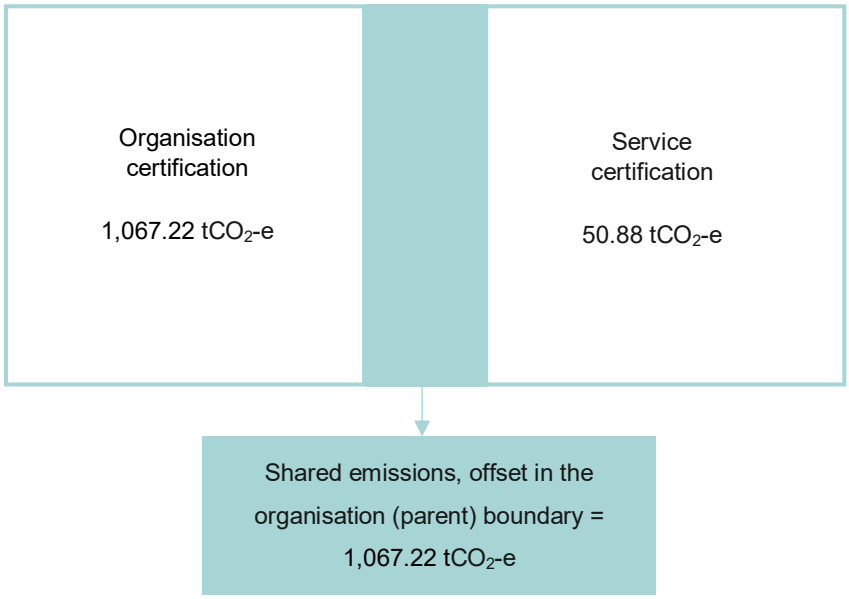
Stage	tCO_2-e
Organisation emissions (including 1% uplift for water consumption)	1,067.22
Waste to landfill emissions	50.88
Service Emissions Total	**1,118.10**

Emissions intensity per functional unit	1.224 kgCO_2-e
Number of functional units to be offset	913,225 kg
Total emissions to be offset	**1,118.10 tCO_2-e***

***Incorporates 1,067.22 tCO2-e* from organization emissions and 50.88 tCO_2-e* from waste to landfill emissions.**

Shared emissions between certifications by the same responsible entity

	Emissions (tCO_2-e)
Total offset liability	**1,118.10 tCO_2-e**
Offset by organisation	**1,067.22 tCO_2-e**
Offset by service	**50.88 tCO_2-e**



6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: **Forward purchasing**		
1.	Total offsets previously forward purchased and banked for this report	0
2.	Total emissions liability to offset for this report	1,119
3.	Net offset balance for this reporting period	1,119
4.	Total offsets to be forward purchased to offset the next reporting period	681
5.	Total offsets required for this report	1,119

Co-benefits

Moombidiary Forest Regeneration Project

Kullilli Bulloo River and Budjiti Aboriginal Corporations are the Traditional Custodians of Moombidary 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 Moombidary 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

Offsets summary

Proof of cancellation of offset units

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**	**Eligible Quantity (tCO_2-e)**	**Quantity used for previous reporting periods**	**Quantity banked for future reporting periods**	**Quantity used for this reporting period claim**	**Percentage of total (%)**
Moombidary Forest Regeneration Project	ACCUs	ANREU	27 June 2022	8,342,936,647 - 8,342,938,446	2021-22	1,800	0	681	1,119	100%
Total offsets retired this report and used in this report									1,119	
Total offsets retired this report and banked for future reports								681		

Type of offset units	**Quantity (used for this reporting period claim)**	**Percentage of total**
Australian Carbon Credit Units (ACCUs)	1,119	100%

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-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 ($kgCO_2$-e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	**0**	**0**	**0%**
LGC Purchased and retired (kWh) (including PPAs & 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)	33,715	0	19%
Residual Electricity	147,645	146,902	0%
Total grid electricity	**181,360**	**146,902**	**19%**
Total Electricity Consumed (grid + non grid)	**181,360**	**146,902**	**19%**
Electricity renewables	33,715	0	
Residual Electricity	147,645	146,902	
Exported on-site generated electricity	**0**	**0**	
Emissions ($kgCO_2$-e)		146,902	

Total renewables (grid and non-grid)	**18.59%**
Mandatory	**18.59%**
Voluntary	**0.00%**
Behind the meter	**0.00%**
Residual Electricity Emission Footprint (tCO_2-e)	**147**

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 $kgCO_2$-e)	Scope 3 Emissions ($kgCO_2$-e)
ACT	0	0	0
NSW	50,290	39,226	3,520
SA	0	0	0
Vic	25,475	23,182	2,548
Qld	105,595	84,476	12,671
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	**181,360**	**146,884**	**18,739**
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
Non-grid electricity (Behind the meter)	**0**	**0**	**0**
Total Electricity Consumed	**181,360**	**146,884**	**18,739**

Emission Footprint (tCO_2-e)	**166**
Scope 2 Emissions (tCO_2-e)	147
Scope 3 Emissions (tCO_2-e)	19

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
Nil	**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

Organisation non-quantified sources

The following sources 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
Water	Yes	No	Yes	No

Service non-quantified sources

The following sources 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
Oils, lubricants and greases	Yes	No	No	No

Service excluded emission sources

No emissions sources have been excluded for service certification.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Organisation excluded sources

The below emission sources have been assessed as not relevant to an 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 five criteria. The five criteria are:

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.

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

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

Service non-attributable sources

To be deemed attributable an emission must meet two of the five relevance criteria. Non-attributable emissions are detailed below against each of the five criteria.

Relevance test					
Non-attributable emission	*The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions*	*The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.*	*Key stakeholders deem the emissions from a particular source are relevant.*	*The responsible entity has the potential to influence the reduction of emissions from a particular source.*	*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.*
Embodied emissions from freight medium	No	No	No	No	No

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