



PUBLIC DISCLOSURE STATEMENT


AGRIMIX PTY LTD

ORGANISATION CERTIFICATION

FY2022-23

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Agrimix Pty Ltd
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 2023 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> 
	Name of signatory Ben Sawley Position of signatory CEO Date 13 May 2024



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

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Version August 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	772 tCO ₂ -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	64.7%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	23 May 2022 for FY2020-21 report Conducted by: Pangolin Associates Next technical assessment due: FY2023-24

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2. CERTIFICATION INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2022 to 30 June 2023 and covers the Australian operations of Agrimix Pty Ltd, ABN: 22 159 796 399.

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:

- 45 Robinson Rd E, Virginia QLD 4013
- 25 Carroll St Wilsonton, Toowoomba, QLD, 4350
- 105 Robinson Road East, Virginia, QLD, 4014
- Unit 5, 185 North Vickers Rd, Condon, QLD 4815

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

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 (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

Organisation description

Agrimix Pty Ltd is focusing on being a trusted solutions provider, helping producers maximise pasture performance and animal productivity whilst securing their future sustainability. We believe Australian agriculture can be part of the solution to tackling a changing climate.

Baselining our carbon footprint is an important step in our sustainability strategy. Carbon reporting provides a clear picture of our carbon neutral efforts and allows us to set clear goals for further reduction into the future.

It is important to us to provide organisational transparency and integrity in our brand, its recognition and leadership. Climate Active certification is a key strategy to enable these goals.

Agrimix is an independent, Australian-owned and family run agricultural technology company. Since 2008 we have been working with producers to find solutions to pasture productivity that are evidence based, practical and scalable. We develop responsible and sustainable nature-based solutions to maximise grazing productivity and profitability.

Our aim is to contribute to growing, prosperous and sustainable communities in the Northern half of Australia.

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
Food
Horticulture and agriculture
ICT services and equipment
Machinery and vehicles
Office equipment and supplies
Postage, courier and freight
Products
Professional services
Refrigerants
Stationary energy (liquid fuels)
Transport (air)
Transport (land and sea)
Waste
Water
Working from home

Non-quantified

N/A

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Agrimix Pty Ltd is committed to reducing its overall emissions by 30% by the year 2030 compared to baseline levels from 2020-21. Our strategy includes the reduction of emissions across three scopes:

Scope 1 emissions will be reduced by:

By 2029, Agrimix aims to reduce emissions from company-owned vehicle travel by:

- Shifting towards low-emission transportation modes, such as electric vehicles.

Scope 2 emissions will be reduced by:

By 2030, Agrimix aims to reduce emissions associated with electricity consumption by:

- Sourcing green power for controlled electricity across all Agrimix sites.
- Transitioning to low-energy electrical equipment and lighting to reduce electricity usage.

Scope 3 emissions will be reduced by:

Agrimix is committed to reducing emissions from various sources, including road travel, accommodation, air travel, paper usage, packaging, waste, and supply chain operations:

- Agrimix aims for a 30% reduction in emissions from road travel, air travel, and accommodation by 2028. This will be achieved by motivating employees to limit unnecessary travel and using technologies like video conferencing. When travel is necessary, Agrimix will prioritise certified carbon-neutral tickets for air travel whenever possible to offset emissions.
- Agrimix plans to achieve a fully paperless office by 2028 to minimise paper emissions, alongside transitioning to certified carbon-neutral packaging by the same year.
- By increasing the recycling of office waste by 2028, Agrimix intends to prevent waste from being sent to landfills, thereby reducing waste emissions.
- By 2030, Agrimix aims to reduce supply chain emissions by sourcing greener carbon-neutral certified goods and services

Emissions reduction actions

In 2023 we continued to engage with retailers on a number of carbon reduction programs such as the Ergon 100% Clean Energy Program.

We have also consolidated the number of our offices and storage depots and switched to Teams meetings where possible to reduce our road and air travel. We have transitioned to a paperless office for administration functions in both our warehouses. These measures, together with our research in carbon sequestration and methane gas emissions continues to drive our goal to reduce our emissions.

Agrimix is expanding its research involvement and has a strong push into soil carbon projects with research organisation's to become an ecosystems solutions provider. Current projects are:

MMV Project: Enabling Soil Carbon at Scale. A low-cost, high accuracy (Measure, Model, Verify) soil carbon measurement toolkit to enable large-scale adoption of soil carbon projects in the Agricultural Industry. This project will also quantify the ability of Agrimix's deep tap-rooted pasture legume, Progardes® Desmanthus, to sequester carbon in the soil. A low-cost, high accuracy (Measure, Model, Verify) soil carbon method to enable large-scale adoption of soil carbon projects in the Agricultural Industry.

Methane Emissions Reduction in Livestock (MERIL). Impacts of Desmanthus on Productivity, Profitability and GHG Emissions. The aim of the project is to garner high quality scientific data from commercial farming properties to underpin a holistic framework for quantifying whole farm GHG emissions, net carbon balance and profitability in response to the inclusion of Progardes® Desmanthus legume in a commercial grazing beef enterprise.

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year/Year 1:	2020–21	380.15	N/A
Year 2:	2021–22	1316.40	N/A
Year 3:	2022–23	771.02	N/A

Significant changes in emissions

Emission source	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Seed purchase	907.9	385.5	Company downsized
Diesel oil post-2004 (GJ)	125.2	109.2	Company downsized

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

Certified brand	Service used
Qantas	Flights

Emissions summary

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

Emission category	Scope 1 emissions (tCO ₂ -e)	Scope 2 emissions (tCO ₂ -e)	Scope 3 emissions (tCO ₂ -e)	Total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	16.06	16.06
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Electricity	0.00	5.29	0.70	5.99
Food	0.00	0.00	9.24	9.24
Horticulture and agriculture	0.00	0.00	385.48	385.48
ICT services and equipment	0.00	0.00	5.20	5.20
Machinery and vehicles	0.00	0.00	13.92	13.92
Office equipment and supplies	0.00	0.00	3.17	3.17
Postage, courier and freight	0.00	0.00	122.44	122.44
Products	0.00	0.00	8.54	8.54
Professional services	0.00	0.00	61.06	61.06
Refrigerants	0.07	0.00	0.00	0.07
Stationary energy (liquid fuels)	1.10	0.00	0.37	1.47
Transport (air)	0.00	0.00	14.42	14.42
Transport (land and sea)	87.65	0.00	28.72	116.37
Waste	0.00	0.00	2.78	2.78
Water	0.00	0.00	3.18	3.18
Working from home	0.00	0.00	1.63	1.63
Total emissions	88.82	5.29	676.92	771.02

Uplift factors

N/A – none applied.

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken in-arrears offsetting approach. The total emissions to offset are **771.02** tCO₂-e. The total number of eligible offsets used in this report is **772**. Of the total eligible offsets used, **0** were previously banked and **772** were newly purchased and retired. **0** are remaining and have been banked for future use.

Co-benefits

The main purpose of this project activity is to generate clean form of electricity through renewable solar energy source. The project is a bundled project activity which involves installation of 120 MW solar project in different states of India through SPVs.

Eligible offsets retirement summary

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	772	100%

Offsets retired for Climate Active certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Bundled Solar Power Project by Solararise India Projects PVT. LTD.	VCU	Verra	6/12/2023	10730-245057054-245057715-VCS-VCU-997-VER-IN-1-1762-26042018-31122018-0	2018	-	662	0	0	662	86%
Bundled Solar Power Project by Solararise India Projects PVT. LTD.	VCU	Verra	30/4/2024	10730-245113361-245113470-VCS-VCU-997-VER-IN-1-1762-26042018-31122018-0	2018	-	110	0	0	110	14%
Total eligible offsets retired and used for this report										772	
Total eligible offsets retired this report and banked for use in future reports									0		

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 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)	0	0	0%
GreenPower	8,180	0	46%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	3,345	0	19%
Residual Electricity	6,269	5,987	0%
Total renewable electricity (grid + non grid)	11,526	0	65%
Total grid electricity	17,794	5,987	65%
Total electricity (grid + non grid)	17,794	5,987	65%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	6,269	5,987	
Scope 2	5,536	5,287	
Scope 3 (includes T&D emissions from consumption under operational control)	733	700	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	64.77%
Mandatory	18.80%
Voluntary	45.97%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	5.29
Residual scope 3 emissions (t CO₂-e)	0.70
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	5.29
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.70
Total emissions liability (t CO₂-e)	5.99

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
		(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
Percentage of grid electricity consumption under operational control	100%					
QLD	17,794	17,794	12,990	2,669	0	0
Grid electricity (scope 2 and 3)	17,794	17,794	12,990	2,669	0	0
QLD	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	17,794					

Residual scope 2 emissions (t CO ₂ -e)	12.99
Residual scope 3 emissions (t CO ₂ -e)	2.67
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	12.99
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	2.67
Total emissions liability	15.66

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 ₂ -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 ₂ -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.

N/A – no relevant emission sources have been non-quantified in this reporting period.

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 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.

N/A – no emission sources have been assessed as not relevant in this reporting period.



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