



PUBLIC DISCLOSURE STATEMENT


AGRIMIX PTY LTD

ORGANISATION CERTIFICATION

FY2021-22

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Agrimix Pty Ltd						
REPORTING PERIOD	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 style="text-align: center;"></p>						
	<table> <tr> <td>Name of signatory</td> <td>Chloe Kempe</td> </tr> <tr> <td>Position of signatory</td> <td>Director</td> </tr> <tr> <td>Date</td> <td>30.05.2023</td> </tr> </table>	Name of signatory	Chloe Kempe	Position of signatory	Director	Date	30.05.2023
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Position of signatory	Director						
Date	30.05.2023						



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

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



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1,317 tCO ₂ -e
OFFSETS BOUGHT	100% VCU
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	Date: 23/05/2022 Name Nicole Butler Organisation: Pangolin Associates Next technical assessment due: 2025

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2. CARBON NEUTRAL INFORMATION

Description of certification

Agrimix Pty Ltd is focusing on being a trusted solutions provider, helping producers maximize 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 organizational transparency and integrity in our brand, its recognition and leadership. Climate Active certification is a key strategy to enable these goals.

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021 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
- Unit 5, 185 North Vickers Rd, Condon, QLD 4815
- 25 Carroll St Wilsonton, Toowoomba, QLD, 4350
- 105 Robinson Road East, Virginia, QLD, 4014

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.

“Climate Active certification demonstrates our commitment to genuine and transparent carbon reporting”

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 ABN: 22 159 796 399, ACN: 159 796 399

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.

Organisational Chart:

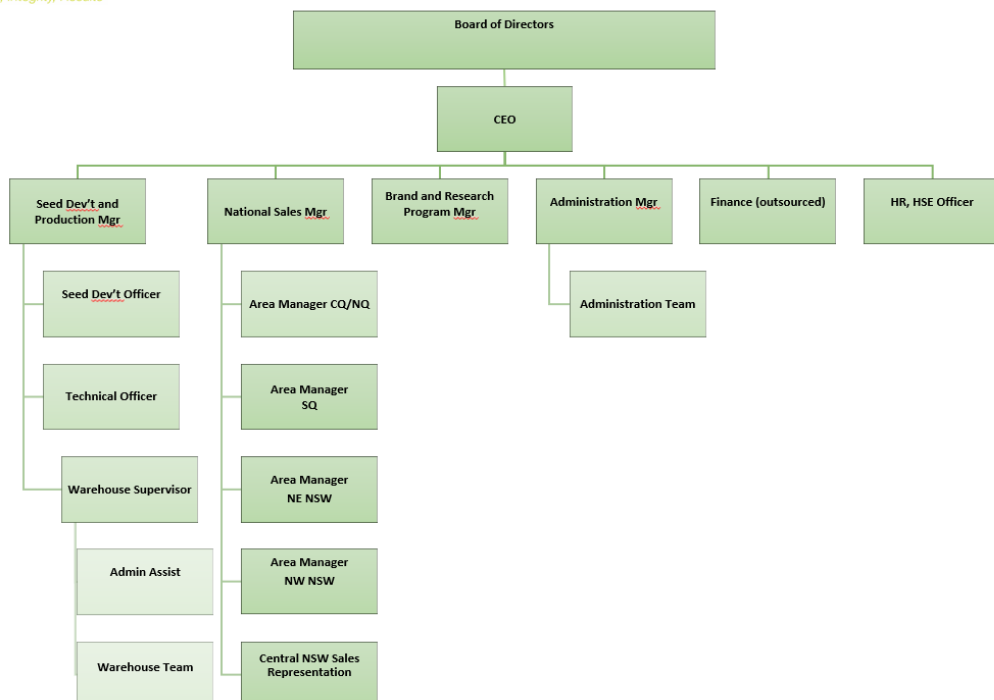
Overarching company: Paddock Holdings

Offices and other core assets are located:

- 45 Robinson Rd E, Virginia QLD 4013
- Unit 5, 185 North Vickers Rd, Condon, QLD 4815



Agrimix organisation structure



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.

Inside emissions boundary		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation and facilities Transport (Land and Sea) Horticulture and Agriculture Food Postage, courier and freight Products Professional Services Machinery and vehicles Office equipment & supplies Electricity ICT services and equipment Refrigerants Stationary Energy (liquid fuels) Transport (Air) Waste Water Working from home 	<p><u>Non-quantified</u></p> <p>NA</p>	<p><u>Excluded</u></p> <p>NA</p>

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

Carbon Neutral Strategy

Agrimix Pty Ltd is working initially towards a measured, reduce and offset carbon footprint to enable a balance between caused emissions and avoided emissions by end 2023. Through our research project participation we are working towards Net Zero emissions by end 2025.

Carbon Neutrality by FY 2022/2023

Scope 1: Direct Emissions

- Reduce road travel by 10% by FY 2022/23
- Purchase of fuel from carbon neutral sources by FY 2022/23

Scope 2: Indirect Emissions

- Purchase green power for electricity by end 2022

Scope 3: Indirect Emission for Supply Chain

- Reduction in supply chain emissions through carbon neutral packaging by end FY 2022/23.
- Reduction of air travel by 10% by FY 2022/23.

Net Zero by 2025

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.

Emissions reduction actions

In 2022 we have engaged with retailers to switch to a number of carbon reduction programs such as the Ergon 100% Clean Energy Program and the Fleet Card ecoDrive Carbon Offsetting 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. These measures, together with our research in carbon sequestration and methane gas emissions continues to drive our goal to net zero.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2020–21	380.15
Year 1:	2021–22	1,316.40

Significant changes in emissions

Agrimix since initially applying for Climate Active has strived to improve on its data management. This has allowed for more accurate information. In FY2022, Agrimix has experience a large increase in seed sales due to the acquisition of another company, in addition to organic business growth.

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Seed Purchase	907.90	258.12	Increase in seed purchase and change in calculation process (using kg data FY22 and expense data FY21)
Road Freight (Average HGV)	478,570.72	20,788.60	Increased production and freighting
Diesel oil post-2004 (GJ)	1,691.44	n/a	This was previously recorded as kL.

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.

Organisation emissions summary

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

Emission category	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	11.32
Electricity	8.44
Food	9.26
Horticulture and Agriculture	920.98
ICT services and equipment	21.59
Office equipment & supplies	7.15
Postage, courier and freight	81.22
Products	14.82
Professional Services	43.72
Refrigerants	2.21
Stationary Energy (liquid fuels)	1.16
Transport (Air)	26.88
Transport (Land and Sea)	136.73
Waste	22.47
Water	4.65
Working from home	3.80
Total	1,316.40

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
NA	0
Total of all uplift factors	0

Total footprint to offset
(total net emissions from summary table + total uplifts) **1,316.40**

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	1,317
3.	Total eligible offsets required for this report	1,317
4.	Total eligible offsets purchased and retired for this report	1,317
5.	Total eligible offsets banked to use toward next year's report	0

Co-benefits

Vishnuprayag Hydro-electric Project, Uttarakhand, India

Vishnuprayag Hydro-electric Project - a run-of-the river project located across river Alaknanda in district Chamoli of Uttarakhand. The Project, utilising the waters of river Alaknanda, has an underground power station with an installed capacity of 400MW (4x100MW).

The head works are located near Lambagarh, which is about 15 kms downstream of the holy 'Badrinath' Shrine and the powerhouse is located near Joshimath town. The project is located in district Chamoli in the state of Uttarakhand in India. The nearest railhead is Rishikesh, which is about 280 kms from the project site. The road access to the project is through Rishikesh - Badrinath highway. The nearest airport is Dehradun, Uttarakhand.

The purpose of the project is to harness renewable hydro power potential in Chamoli district of Uttarakhand and enable displacement of fossil fuel-based electricity generating systems.

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 (%)
Vishnuprayag Hydro-electric Project (VHEP) by Jaiprakash Power Ventures Ltd.(JPVL)	VCU	VERRA	12/01/2023	10593-230780176-230781412-VCS-VCU-259-VER-IN-1-173-01012013-31122013-0	2013	0	1,237	0	0	1,237	94%
Vishnuprayag Hydro-electric Project (VHEP) by Jaiprakash Power Ventures Ltd.(JPVL)	VCU	VERRA	12/01/2023	10593-230775266-230775345-VCS-VCU-259-VER-IN-1-173-01012013-31122013-0	2013	0	80	0	0	80	6%
Total offsets retired this report and used in this report										1,317	
Total offsets retired this report and banked for future reports									1,317		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total				
Verified Carbon Units (VCUs)		1,317					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

NA

APPENDIX A: ADDITIONAL INFORMATION

NA

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 (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)	1,704	0	19%
Residual Electricity	7,464	7,427	0%
Total grid electricity	9,169	7,427	19%
Total Electricity Consumed (grid + non grid)	9,169	7,427	19%
Electricity renewables	1,704	0	
Residual Electricity	7,464	7,427	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		7,427	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	7		

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	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	9,169	7,335	1,100
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	9,169	7,335	1,100
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	9,169	7,335	1,100

Emission Footprint (TCO₂e)

Emission Footprint (TCO₂e)	8
Scope 2 Emissions (TCO ₂ e)	7
Scope 3 Emissions (TCO ₂ e)	1

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
NA	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 relevant, 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
NA	NA	NA	NA	NA

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?
NA	NA	NA	NA	NA	NA	NA



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