



PUBLIC DISCLOSURE STATEMENT

ASHGROVE WEST PRESCHOOL CENTRE INC

ORGANISATION CERTIFICATION

FY2021-22

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Ashgrove West Preschool Centre Inc.
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><i>Yasmin Dargush</i></p> <p>Name of signatory: Yasmin Dargush Position of signatory: Director Date: 21 October 2022</p>



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

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.

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



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	63.75 t CO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	Not required, this is a small organisation certification.

Contents

Ashgrove West Preschool Centre Inc	1
1. Certification summary	3
2. Carbon neutral information.....	4
3. Emissions boundary	5
4. Emissions reductions.....	7
5. Emissions summary.....	8
6. Carbon offsets.....	10
7. Renewable Energy Certificate (REC) Summary.....	12
Appendix A: Additional Information	13
Appendix B: Electricity summary	14
Appendix C: Inside emissions boundary	16
Appendix D: Outside emissions boundary.....	16

2. CARBON NEUTRAL INFORMATION

Description of certification

This certification is for Ashgrove West Preschool Centre Inc.'s (ABN 51 024 462 270) Australian business operations.

Organisation description

Ashgrove West Preschool is an independently run C&K affiliate kindergarten that has been delivering high-quality early childhood education in the Ashgrove community for over 80 years. The preschool is operated by a management committee of volunteer parents, elected annually.

The university-qualified teaching staff aim to foster, in partnership with families, a love of learning where each child can grow socially, emotionally, physically and intellectually in a secure, child-centred environment.

A key feature of Ashgrove West Preschool is its large outdoor play spaces, which feature a native bee hive, water pump and a diverse range of flora.

The reporting boundaries of our GHG inventory encompasses our facilities at 530 Waterworks Road, West Ashgrove, QLD 4060, and scope 1, 2 and relevant scope 3 GHG emissions associated with energy use, teaching, staff and parents' commute, administrative activities, and professional services used.

Our GHG inventory quantifies carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O), and hydrofluorocarbon (HFC) emissions measured in tonnes CO₂ equivalent (CO₂-e). We are not aware of any significant sources of perfluorocarbons (PFCs), sulphur hexafluoride (SF₆), or nitrogen trifluoride (NF₃) within our operational boundary.

“Climate Active supports our delivery of learning outcomes aimed at strengthening children’s interest and skills in being active contributors to their world, becoming socially responsible and showing respect for the environment.”

3. EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary. Emission sources can be excluded if they do not occur.

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

Quantified

Cleaning services and supplies
Committee member commute
Garden maintenance
Grid-purchased electricity
ICT hardware and services, internet and phone
Parents' commute
Printing & stationery
Professional services
Refrigerant leakage
Staff commute
Water and wastewater

Non-quantified

Accommodation
Food
Postage, courier, and freight.

Outside emission boundary

Excluded

Stationary energy and air transport emission sources do not exist within reporting boundary.

Waste to landfill, green waste, and recovery for recycling have been excluded as they are covered by Brisbane City Council's Climate Active certification.

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan. Accommodation, food, and postage, courier, and freight is an insignificant emission source that is covered by the Climate Active-mandated 5% uplift to the GHG inventory.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Ashgrove West Kindy is committed to a 30% reduction in absolute scope 1 and 2 GHG emissions by FY30 compared to the FY21 base year.

Our action plan to reduce emissions and energy consumption includes the following measures:

- Rooftop solar-generated electricity makes up almost 50% of our total electricity consumption.
- The availability of Climate Active-certified office copy paper and other carbon neutral products influences our procurement decisions. The kindy's needs are considered prior to making a purchase decision.
- We use electronic forms of communication wherever possible.
- We aim to use natural lighting and ventilation as much as possible to reduce energy consumption.
- Lights and electrical equipment will be switched-off where it is safe to do so when not in use. This includes IT equipment and air-conditioning.
- We are looking into switching our energy supply to Climate Active-certified electricity product, subject to feasibility analysis.
- Waste materials are recycled or disposed of following established best practices and [guidance from Brisbane City Council](#).
- We are investigating the feasibility of introducing parts of Brisbane City Council's [Active Travel School program](#).
- We want to start a conversation with our families and children in the local community

Emissions reduction actions

- A lighting upgrade was completed.
- Ashgrove West Kindy achieved Brisbane City Council [Waste Smart Kindy](#) accredited early learning centre status.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total t CO ₂ -e
Base year/ year 1:	2020-21	73.94 ¹
Year 2:	2021-22	63.75

Significant changes in emissions

Emission source name	Current year (t CO ₂ -e)	Previous year (t CO ₂ -e)	Detailed reason for change
Bespoke – EV electricity consumption	0.29	1.59	Previously accounted for as “other fuel” as per ABS statistics.
Horticulture and agriculture	9.61	3.27	Added artificial grass to kids play area.
ICT services and equipment	3.58	0.68	Procurement of new equipment
Professional services	0.91	0.1	New website development.
Transport (land and sea)	36.06	54.09	Three more families commuting to the kindy, but fewer long(er) distance outliers. Average distance travelled reduced by 1.2km and inclusion of EVs in calculations.

Use of Climate Active carbon neutral products and services

Not applicable.

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)
Bespoke – EV electricity consumption	0.29

¹ Includes an adjustment of 17.84 t CO₂-e compared to the reported GHG statement in FY21 to account for updated calculations.

Cleaning and Chemicals	1.60
Electricity	6.36
Horticulture and Agriculture	9.61
ICT services and equipment	3.58
Office equipment & supplies	0.78
Professional Services	0.91
Refrigerants	0.87
Transport (Land and Sea)	36.06
Water	0.63
Total	60.71

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
Climate Active-mandated 5% uplift to small organisation certification GHG statements.	3.04
Total of all uplift factors	3.04
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	63.75

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	64
3. Total eligible offsets required for this report	64
4. Total eligible offsets purchased and retired for this report	64
5. Total eligible offsets banked to use toward next year's report	1

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 (%)	
22.5 MW Wind Power Project in Rajasthan, India	VCU	Gold Standard Impact Registry	25 Aug 2022	GS1-1-IN-GS3965-12-2019-19215-12016-12035	2019	N/A	20	0	0	20	31%	
100.5 MW Wind Power Project in Madhya Pradesh, India	VCU	Gold Standard Impact Registry	25 Aug 2022	GS1-1-IN-GS3969-12-2020-20916-107345-107368	2020	N/A	25	0	1	24	38%	
20 MW Solar Project in Rajasthan, India	VCU	Gold Standard Impact Registry	25 Aug 2022	GS1-1-IN-GS5575-2-2018-22509-640-659	2018	N/A	20	0	0	20	31%	
Total offsets retired this report and used in this report										64		
Total offsets retired this report and banked for future reports									1			
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total					
Verified Carbon Units (VCUs)		64					100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	N/A
2. Other RECs	N/A

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
Total LGCs surrendered this report and used in this report									

APPENDIX A: ADDITIONAL INFORMATION

Additional offsets cancelled for purposes other than 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)	Purpose of cancellation
100.5 MW Wind Power Project in Madhya Pradesh, India	VCU	Gold Standard Impact Registry	25 Aug 2022	GS1-1-IN-GS3969-12-2020-20916-107369	2020	1	Offset FY21 shortfall
6 MW Solar Power Project by Arhyama Solar Power	VCU	Gold Standard Impact Registry	26 Jul 2022	GS1-1-IN-GS4530-2-2015-19782-3232-3251	2015	20	Offset FY21 shortfall and underscore commitment to carbon neutrality

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) where 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 (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 & 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)	1,286	0	19%
Residual Electricity	5,632	5,604	0%
Total grid electricity	6,918	5,604	19%
Total Electricity Consumed (grid + non grid)	6,918	5,604	19%
Electricity renewables	1,286	0	
Residual Electricity	5,632	5,604	
Exported on-site generated electricity	0	0	
Emissions (kg CO ₂ -e)		5,604	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (t CO₂-e)	6		

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 (kg CO ₂ -e)	Scope 3 Emissions (kg CO ₂ -e)
Qld	6,918	5,534	830
Grid electricity (scope 2 and 3)	6,918	5,534	830
Qld	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	6,918	5,534	830
Emission Footprint (t CO₂-e)	6		
<i>Scope 2 Emissions (t CO₂-e)</i>	6		
<i>Scope 3 Emissions (t CO₂-e)</i>	1		

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
Not applicable	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
Accommodation	Yes	No	No	No
Food	Yes	No	No	No
Postage, courier, and freight	Yes	No	No	No

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 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 have only been excluded based on not occurring at the organisation during the reporting year or because emission sources are covered by Brisbane City Council's Climate Active certification.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Stationary energy	No	No	No	Yes	No	No
Air transport	No	No	No	No	No	No
Waste to landfill	No	No	No	Yes	No	No



An Australian Government Initiative

