



PUBLIC DISCLOSURE STATEMENT

ASHGROVE WEST PRESCHOOL CENTRE INC

**SMALL ORGANISATION CERTIFICATION
FY 2020-21**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



REPORTING PERIOD: Financial year 1 July 2020 – 30 June 2021

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.

Signature

A handwritten signature in black ink, appearing to read "YD" followed by a long horizontal stroke.

Date

12/08/2021

Name of Signatory

YASMIN DARGUSCH

Position of Signatory

DIRECTOR



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021



1. 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 which 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, professional services used, as well as waste disposed to landfill and recovery for recycling.

Our GHG inventory quantifies carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O), and hydrofluorocarbon (HFC) emissions measured in tonnes CO₂ equivalent (CO₂-e).

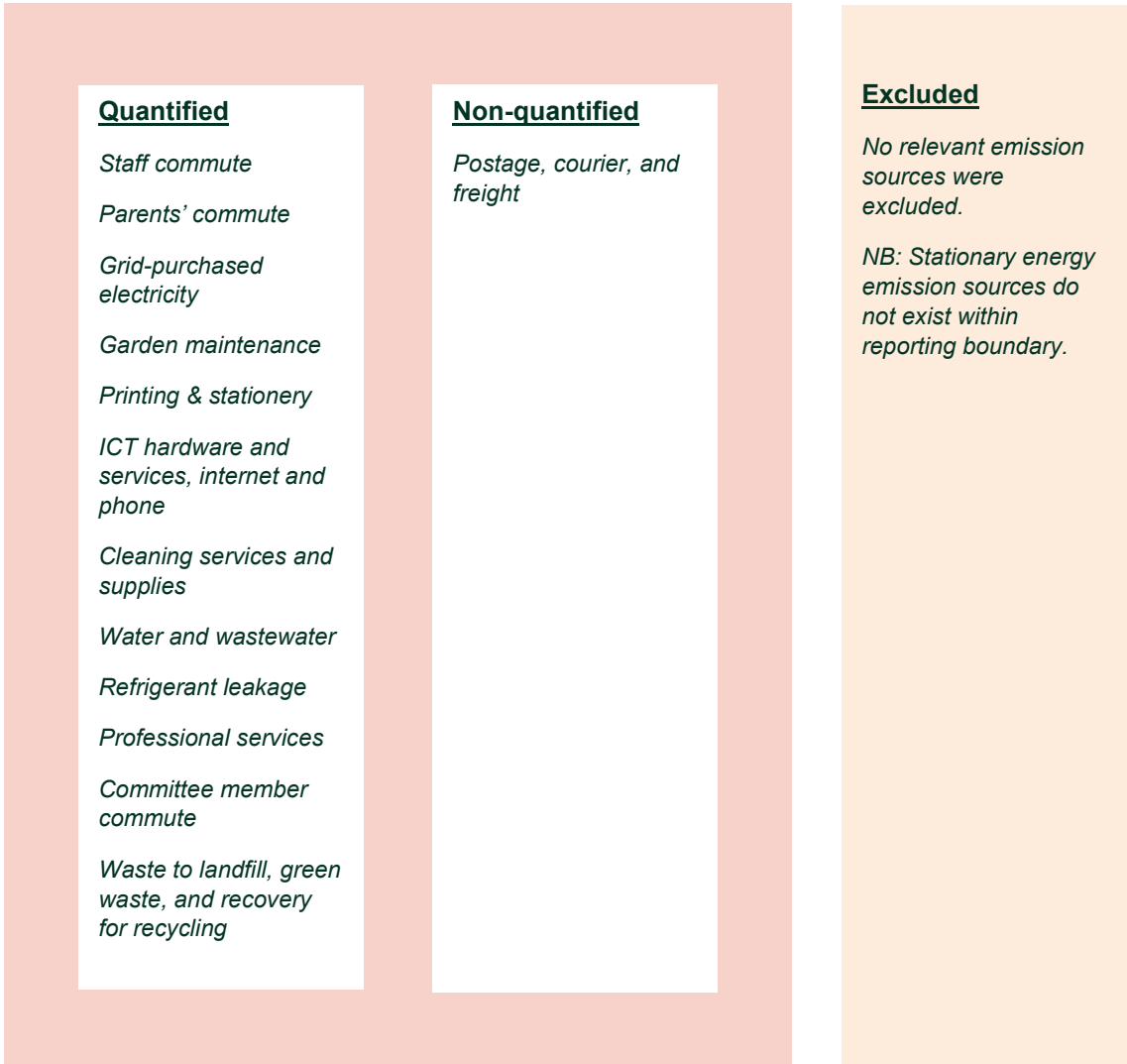
We are not aware of any relevant sources of perfluorocarbons (PFCs), sulphur hexafluoride (SF₆), or nitrogen trifluoride (NF₃) within our operational boundary.

“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.”

2. EMISSION BOUNDARY

Diagram of the certification boundary

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary.



Non-quantified sources

Emissions associated with postage, courier, and freight have not been quantified because the contribution of this GHG emission source is considered to be insignificant and covered by the Climate Active-mandated 5% uplift to the GHG inventory.

“Going carbon neutral is an extension of our existing philosophy to protect the natural environment and model sustainable practices to children.”

Data management plan

Not applicable.

Excluded sources (outside of certification boundary)

No relevant GHG emission sources were excluded. Although stationary energy (fossil fuel) is a deemed relevant emission under the small organisation certification, there is no stationary energy generator consuming fossil fuels under the operational control of Ashgrove West Preschool Inc.’s operational control and as such has not been included in the GHG inventory and this Public Disclosure Statement.

3. EMISSIONS SUMMARY

Emissions reduction strategy

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.
- We are looking at buying Climate Active-certified office copy paper and other carbon neutral products and services where possible moving forward.
- We aim to make as much use of natural lighting and ventilation 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.
- Waste materials will be recycled or disposed of in accordance with established best practice 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 over time

Not applicable, initial application.

Emissions reduction actions

Not applicable, initial application.

Emissions summary (inventory)

Emission source category	tonnes CO ₂ -e
Staff commute	18.40
Parents commute (drop-off/pick-up)	17.35
Grid-purchased electricity (location-based)	5.99
Garden maintenance	3.27
Printing & stationery	1.70

ICT, hardware	1.58
Cleaning services	1.37
Water	1.22
Refrigerant leakage	0.87
ICT, services	0.81
Accounting services	0.51
Cleaning supplies	0.46
Committee member commute	0.12
Green waste	0.14
ICT, internet & phone	0.10
Advertising, promotion	0.10
Recycling (recovery)	0.06
Waste to landfill	0.04
<i>Total Net Emissions</i>	54.10

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
Climate Active mandated 5% to account for immaterial items (postage, courier, and freight)	2.71
<i>Total footprint to offset (uplift factors + net emissions)</i>	56.81

Carbon neutral products

No carbon neutral products purchased during the reporting period.

Electricity summary

Electricity was calculated using the location-based approach.

Location-based approach summary

Location-based approach	Activity Data (kWh)	Emissions (kgCO ₂ e)
Qld	6,436	5,987
Grid electricity (scope 2 and 3)	6,438	5,987

Qld	5,057	0
Non-grid electricity (Behind the meter)	5,057	0
Total Electricity Consumed	11,495	5,987

Emission Footprint (TCO2e)	6
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Market-based approach summary

Market-based approach	Activity Data (kWh)	Emissions (kgCO2e)	Renewable %
Behind the meter consumption of electricity generated	5,057	0	44%
Total non-grid electricity	5,057	0	44%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	1,218	0	11%
Residual Electricity	5,219	5,601	0%
Total grid electricity	6,438	5,987	11%
Total Electricity Consumed (grid + non grid)	11,495	5,601	55%
Electricity renewables	6,276	0	
Residual Electricity	5,219	5,601	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO2e)		5,601	

Emission Footprint (TCO2e)	6
LRET renewables	18.93%
Voluntary Renewable Electricity	44.00%
Total renewables	62.92%

4. CARBON OFFSETS

Offsetting strategy

Offsets will be purchased and retired annually in arrears at the end of each reporting year in accordance with Climate Active guidelines. All offsets will be purchased and retired by the offset provider on Ashgrove West Preschool Centre's behalf.

Ashgrove West Preschool Centre has purchased and retired 60 carbon offset units that are required to cover the GHG emissions associated with our business operations as per Climate Active inventory calculator estimates and to support the corresponding Climate Active carbon neutral claim:

1. Total offsets previously forward purchased and banked for this report	Not applicable
2. Total emissions liability to offset for this report	56.81t CO ₂ -e
3. Net offset balance for this reporting period	56.81t CO ₂ -e
4. Total offsets to be forward purchased to offset the next reporting period	Not applicable
5. Total offsets required for this report	56.81t CO ₂ -e

Co-benefits

The IOT Mabagas Limited power plant [Gold Standard project](#), located in Namakkal, India, converts up to 120,000 tonnes of chicken litter and other industrial residues from starch and sugar industries into renewable electricity per year, which is being fed into the South Indian grid. The project [activity mitigates environmental and hygienic problems as well as supporting regional smallholders](#) in implementing sustainable agriculture.

The [solar water heater program in India](#) distributes solar water heaters. The distribution of solar water heaters requires constant awareness raising campaigns and the education of people, who often do not trust on non-electric solutions. 90% of urban residents in western India use electricity to heat water. This accounts for 20% to 30% of electricity consumption, which causes a huge financial burden to the families and emits large amounts of carbon dioxide.

The [Arhyama Solar Power project](#) helps improve the energy mix for India. The 6MW solar power plant at Kolanupaka, Telangana, reduces GHG emissions by approximately 9,535t CO₂-e per year and provides 9,899MWh/year of clean electricity to the southern grid. A grid dominated by fossil fuel-based power plants.

The project demonstrates the viability of grid connected solar farms to support improved air quality, alternative sustainable energy futures, energy security, improved local livelihoods and sustainable renewable energy industry development in the southern region of India.

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 (TCO2-e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
IOT Mabagas Limited power plant, Pudhuchatram, India	CER	UN Carbon offset platform/ CDM Registry	09/08/2021	IN-5-258002339-2-2-0-8288 to IN-5-258002358-2-2-0-8288	2015	20	N/A	N/A	20	35%
6 MW Solar Power Project in India	VER	Gold Standard Impact Registry	09/08/2021	GS1-1-IN-GS4530-2-2015-19782-3232-3251	2015	17	N/A	N/A	20	35%
Solar Water Heater Program in India	CER	UN Carbon offset platform/ CDM Registry	09/08/2021	IN-5-256558746-2-2-0-8855 to IN-5-256558762-2-2-0-8855	2017	20	N/A	N/A	17	30%

Total offsets retired this report and used in this report								57
Total offsets retired this report and banked for future reports								0
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 (TCO2-e)	Purpose of cancellation	
Solar Water Heater Program in India	CER	UN Carbon offset platform/ CDM Registry	09/08/2021	IN-5-256558763-2-2-0-8855 to IN-5-256558765-2-2-0-8855	2017	3	To minimise the risk of shortfall, as well as to underscore Ashgrove West Preschool's commitment to combating climate change and supporting robust environmental projects.	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Certified Emissions Reductions (CERs)	37	65%
Verified Emissions Reductions (VERs)	20	35%

5. USE OF TRADE MARK

Table 8

Description where trademark used	Logo type
Website	Certified organisation
Email signature	Certified organisation
Signage on buildings	Certified organisation
Newsletters	Certified organisation
Business cards	Certified organisation
Social media (Facebook, Instagram)	Certified organisation
Flyers, promotional material	Certified organisation

6. ADDITIONAL INFORMATION

N/A

APPENDIX 1

Excluded emissions

No relevant emission sources have been excluded.

APPENDIX 2

Non-quantified emissions for organisations

Table 10

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>
Postage, courier and freight	Yes	Yes	No	No



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