



PUBLIC DISCLOSURE STATEMENT

**FUTURO GLEDSTWOOD HILLS EARLY
LEARNING PTY LTD**

**ORGANISATION CERTIFICATION
FY2023 (TRUE-UP)**

Australian Government
Climate Active
Public Disclosure Statement

Futuro



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Futuro Gledswood Hills Early Learning Pty Ltd
REPORTING PERIOD	1 July 2022 – 30 June 2023 True-up 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>Gavin Jennings</i></p>
	Gavin Jennings Director, Futuro Gledswood Hills Early Learning Pty Ltd DD December, 2023



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

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Version August 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	279 tCO ₂ -e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	18.80 %
CARBON ACCOUNT	Prepared by: 100% Renewables Pty Ltd
TECHNICAL ASSESSMENT	N/A for small organisation certification
THIRD PARTY VALIDATION	Type 1 22 December 2023 KREA Consulting Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This public disclosure statement (PDS) supports the certification of the Australian operation of Futuro Gledswood Hills Early Learning Pty Ltd (ABN: 50 654 015 871) as an organisation going carbon neutral under the 'Climate Active Carbon Neutral Certification Standard for Organisations'. This report includes an overview of Futuro Gledswood Hills Early Learning Pty Ltd's greenhouse gas (GHG) emissions reduction strategy as well as a description of the GHG emissions boundaries.

The baseline emissions reported in this document are for FY 2023, which is the first year of certification.

Organisation description

Established in 2021, Futuro Gledswood Hills Early Learning Pty Limited is a privately owned Australian business in the childcare education industry.

Within this certification, all relevant emissions under Futuro Gledswood Hills Early Learning Pty Ltd (ABN: 50 654 015 871) have been included.

Futuro Gledswood Hills Early Learning Pty Ltd is located at 10 Digitaria Dr, Gledswood Hills NSW 2557, Australia.

3.EMISSIONS BOUNDARY

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

Stationary energy (LPG)
Refrigerants
Electricity
Cleaning and chemicals
Building construction work
Food and catering
Landscaping supplies
ICT services and equipment
Machinery and vehicles
Office equipment and supplies
Mailing services
Products (clothing & signages)
Professional services
Waste
Water
Accommodation
Air travel

Non-quantified

Nil

Outside emission boundary

Excluded

Employee commute
Parents' commute

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Futuro believes the importance of building from strong foundations. Our ambition for this project was to reduce emissions through well considered design principles to ensure the ongoing demand for heating, cooling, and lighting was significantly reduced.

Futuro briefed the developer to ensure the building was built in the most energy efficient way as possible. Futuro requires minimal heating and cooling intervention to ensure the comfort of children and staff.

These specifications and design requests include:

- Increase thermal insulation and removal of thermal bridges throughout the building façade
- Timber ceilings made with FSC-certified wood in lieu of plasterboard
- Substitution of a large portion of vinyl floor with burnished concrete
- Operable windows to learning areas that provide natural fresh air in lieu of mechanical ventilation

Futuro achieved carbon neutrality by December 2022. We will implement sustainable procurement strategy by December 2023, reduce waste to landfill by a total 20% from the end of 2025 and reduce our carbon footprint by greater than 30% by 2030 from a 2023 base year.

Our strategy for ongoing emission reductions for scopes 1, 2 and 3 will be undertaken in the following way:

Scope 1: Direct Emissions from Reporting Company

- Include action plans that could reduce natural gas usage such as monitoring the natural gas consumption and setting a target for reduction; exploring renewable energy options to replace gas heating processes

Scope 2: Indirect Emissions from Upstream Activities

- Install a 54.1kWp rooftop solar PV system
- Source electricity from Powershop, a 100% carbon neutral electricity provider
- Integrating lighting and air conditioning with the security system that automatically turns power off when arming the premises at the end of the day
- Installing read switches to windows and doors that automatically turn air conditioning systems off when windows and doors are opened
- Actively make use of the operable windows and to allow natural ventilation through parts of spring and autumn to reduce air conditioning usage

Scope 3: Downstream Activities

- Sustainable procurement of children's resources: Sustainably made toys that are made from Forest Stewardship Council (FSC) certified wood and recycled plastic will be ordered as priority over other resources that do not fall within these categories
- Purchasing of food and resources from local suppliers
- Invest in quality resources that have long lifespans

- Consumables such as general paper, toilet paper, and hand towels will be procured from vendors who can confirm their products are FSC certified
- Baby wipes made from bamboo will be purchased in lieu of traditional non-biodegradable wipes

Charitable donations are made from Futuro towards educating women in developing countries. A total of 1% of annual EBITDA is donated to charities that provide women with an education and stronger purpose in life that allows them to provide more choice when considering having children. A reduced population has a direct correlation on lower carbon emissions.

5. EMISSIONS SUMMARY

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

N/A

Emissions summary

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

The previous report was a projection report using representative data to estimate the emissions for the reporting year. This table shows the differences between the projected emissions and the actual emissions recorded.

Emission category	Projected emissions (tCO ₂ -e)	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 (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	0.00	0.00	0.00
Cleaning and Chemicals	2.41	0.00	0.00	1.72	1.72
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	0.00	2.90	2.90
Electricity	0.00	0.00	1.27	0.17	1.44
Food	16.11	0.00	0.00	0.18	0.18
Horticulture and Agriculture	133.77	0.00	0.00	102.92	102.92
ICT services and equipment	3.18	0.00	0.00	5.37	5.37
Machinery and vehicles	9.52	0.00	0.00	15.20	15.20
Office equipment & supplies	9.96	0.00	0.00	0.92	38.12
Postage, courier and freight	0.12	0.00	0.00	0.33	0.28
Products	22.67	0.00	0.00	57.60	57.60
Professional Services	50.62	0.00	0.00	59.24	39.35
Refrigerants	0.33	0.04	0.00	0.00	0.04
Roads and landscape	0.00	0.00	0.00	0.00	0.00
Stationary Energy (gaseous fuels)	0.00	0.00	0.00	0.00	0.00
Stationary Energy (liquid fuels)	15.86	0.20	0.00	0.07	0.27
Stationary Energy (solid fuels)	0.00	0.00	0.00	0.00	0.00
Transport (Air)	0.00	0.00	0.00	0.00	0.00
Transport (Land and Sea)	0.00	0.00	0.00	0.00	0.00

Waste	58.41	0.00	0.00	0.00	0.00
Water	0.36	0.00	0.00	0.00	0.01
Working from home	0.00	0.00	0.00	0.00	0.00
Total emissions	323.32	0.26	1.27	263.90	265.44
Difference between projected and actual emissions	57.88 tCO₂-e lower				

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot 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
Mandatory 5% uplift for small organisations	13.27
Total of all uplift factors	13.27
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	278.71

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken a forward offsetting approach. The total emission to offset is 278.71 t CO₂-e. The total number of eligible offsets used in this report is 279 t CO₂-e. Of the total eligible offsets used, 0 t CO₂-e were previously banked during the projected FY23 certification, and 339 t CO₂-e were newly purchased and retired. 60 t CO₂-e are remaining and have been banked for future use.

Co-benefits

This section provides a brief description of the carbon offsets purchased and retired for Futuro Gledswood Hills Early Learning's carbon neutral claim.

Bundled Wind Power Project by Mytrah Group

This project relates to 100 per cent of the total amount of offsets purchased and retired for this reporting period. The activity includes the generation of electrical energy using wind and selling the generated electricity to the respective state utilities under the Indian Grid. The power produced displaces an equivalent amount of power of the grid which is fed mainly by fossil fired power plants. Hence, it results in reduction of greenhouse gas emissions.

The project meets the following Sustainable Development Goals:



Eligible offsets retirement summary

Offsets retired 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 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 Wind Power Project by Mytrah Group	VCU	Verra	6 Oct 2022	6918-358602697-358602796-VCU-034-APX-IN-1-1728-01012017-24112017-0	2017	100	100	0	0	100	36%
Stapled to the Orana Natural Capital Project				22019-22118	2019	100	0				
Bundled Wind Power Project by Mytrah Group	VCU	Verra	6 Oct 2022	6918-358602797-358603035-VCU-034-APX-IN-1-1728-01012017-24112017-0	2017		239	0	60	179	64%
Total eligible offsets retired and used for this report										279	
Total eligible offsets retired this report and banked for use in future reports									60		
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total				
Verified Carbon Units (VCUs)		279					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Attachment 1: Proof of Orana Natural Capital Project offset requirement



Our reference: VLQ- VC_CFL-3071_01 VOL001- NCU-030

6 October 2022

Gavin Jennings

Futuro Early Learning
59 Belmont Rd,
Mosman NSW 2088

Dear Gavin

RE: Natural Capital Units issued

I can confirm that the following units have been recorded and allocated from the Orana Natural Capital Project:

Date	Project Reference	Serial Numbers	Amount
29.09.2022	Retired on behalf of Futuro Early Learning for the purpose of Climate Active certification for the period of FY22	22019-22118	100

One Natural Capital Unit represents the permanent protection of one square metre of very high conservation significance native habitat in Serpentine, Victoria.

Sincerely,

Mel Pritchard

Registrar

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	0	0	0%
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)	349	0	19%
Residual Electricity	1,509	1,441	0%
Total renewable electricity (grid + non grid)	349	0	19%
Total grid electricity	1,858	1,441	19%
Total electricity (grid + non grid)	1,858	1,441	19%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	1,509	1,441	
Scope 2	1,333	1,273	
Scope 3 (includes T&D emissions from consumption under operational control)	176	168	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	18.80%
Mandatory	18.80%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	1.27
Residual scope 3 emissions (t CO₂-e)	0.17
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1.27
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.17
Total emissions liability (t CO₂-e)	1.44

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	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
ACT	0	0	0	0	0	0
NSW	1,858	1,858	1,357	112	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	1,858	1,858	1,357	112	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	1,858					

Residual scope 2 emissions (t CO ₂ -e)	1.36
Residual scope 3 emissions (t CO ₂ -e)	0.11
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	1.36
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.11
Total emissions liability	1.47

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.

Relevant non-quantified emission sources	Justification reason
Nil	

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, 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.

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Employee commute	N	N	Y	N	N	<p>Size: The emission source is likely to be less than 5% of the total carbon inventory.</p> <p>Influence: We do not have the potential to influence the emissions from this source.</p> <p>Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest but could be of interest for relevant stakeholders.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>
Parents' commute	Y	N	N	N	N	<p>Size: The emission source is likely to be more than 5% of the total carbon inventory.</p> <p>Influence: We do not have the potential to influence the emissions from this source.</p> <p>Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>



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