



PUBLIC DISCLOSURE STATEMENT

ECOLIV

ORGANISATION CERTIFICATION
CY2021

Australian Government
Climate Active
Public Disclosure Statement

ECOLIV™



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	The trustee for Ecoliv Family Trust
REPORTING PERIOD	1 January 2021 – 31 December 2021 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>Esme Beaumont</i></p> <hr/> <p>Esme Beaumont Director November 3rd 2022</p>



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	584 tCO ₂ e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	Date: 29/06/2022 Name: Verena Schubert Organisation: Pathzero Pty Ltd Next technical assessment due: May 2025
THIRD PARTY VALIDATION	Type 1 01/07/2022 Benjamin Jenkins GPP Audit Pty Limited

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Australian business operations of 'The trustee for Ecoliv Family Trust' (ABN 63 899 734 981), trading as Ecoliv, are certified including all emissions within Ecoliv's operational control.

Organisation description

Ecoliv trades under the ABN 63 899 734 981 and has no child companies.

Established in 2008, Ecoliv was founded on the principles of sustainable building design and modular prefabricated construction that supports the comfort and wellbeing of occupants, delivers long-term energy efficiency, and protects the natural environment for future generations.

Australian made and locally manufactured, Ecoliv Buildings use renewable, and sustainable building materials along with limiting wastage during the construction process via prefabrication to address the needs of the present without compromising the future.

Each design takes advantage of the site and surrounding environment to maximize energy efficiency, utilize natural resources and sustainable materials.

“Homeownership has long been the Great Australian Dream. But in face of climate change, we must find more sustainable ways to bring our dream homes to life. It’s time for truly sustainable building design that supports comfort and wellbeing for occupants and protects the natural environment for future generations.”

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 Cleaning and Chemicals Climate Active Carbon Neutral Products and Services - Electricity Construction Materials and Services Food Horticulture and Agriculture ICT services and equipment Machinery and vehicles Office equipment & supplies Postage, courier and freight Professional Services Transport (Air) Transport (Land and Sea) Waste Staff Commuting Working from home 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>N/A</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

Company Strategies - Climate change and transition to a Net Zero emissions economy.

- Support global transition to net zero emissions by 2050 by reducing our operational footprint and investing in technologies and practices that enable us to achieve emissions reduction targets.
- Establish consistent transparent Sustainability Reporting for the company and make reports publicly available by 30 June 2023.
- Create a five-year climate action and emission reduction plan by 30 June 2023.

Emissions Reduction Strategies

Ecoliv Buildings is committed to continually improving processes to minimize and where possible eliminate environmental risks to achieve our path to net zero emissions. Ecoliv Buildings is planning to reduce its most significant emissions sources by implementing the following emissions reduction strategy.

1. Construction and material service reductions

- Reduce construction services materials emissions to 5% by 2024 compared to the base year (CY2021).
- Recognise that the operational efficiency of homes has a significant effect on the consumption of resources which can have negative impacts on energy, water, air and land. Our objective is to elevate the design and construction methodology to embrace a holistic approach to passive solar design and energy efficiency to mitigate the effect buildings have on the environment.
- Identify and research new technology and advancements in building construction methods and materials to minimise environmental impacts.
- Engage with key stakeholders and material suppliers to identify supply chain emissions and set reduction targets.

2. Operational reductions

- Reduce total emissions related to ICT services and equipment, Office equipment & supplies to 5% by 2024 compared to the base year (CY2021).
- Review our Environmental Stewardship policy to prioritise sustainable and resource efficient purchases and where possible purchase certified Carbon Neutral products and services.
- Reduce the number of documents that are printed and purchasing certified Carbon Neutral office supplies and ICT equipment where available.

- Staff Training regarding operational sources of emissions and development of strategies to minimise these emissions.

3. **Transportation reductions**

- Reduce the total emissions related to transportation (air land and sea travel) to 5% by 2024, compared to the base year (CY2021).
- Review module delivery schedules and consider route planning to reduce travel and fuel requirements.
- Installation of Electric car Charging point at the construction facility to encourage transition to uptake of Electric vehicles.
- When upgrading company vehicles opt for highly fuel efficient, hybrid or electric models.
- Reducing our emissions from air and transportation by attending meetings via video conferencing rather than travelling. If air travel is unavoidable offsetting flights at point of purchase.

Additional initiatives:

1) Material Waste - Prevention and Management.

- Building materials have an environmental impact at every step of the building process - extraction of raw materials, processing, manufacturing, transportation, construction and disposal at the end of a building's useful life. Our objective is to address resource efficiency and waste prevention and management throughout the product life cycle to respond to the challenges of achieving low carbon emissions and minimising resource depletion.
- Increase construction waste recycling by establishing and implementing an industry leading Waste Management system to encourage circular economies.

2) Energy Consumption.

- Advocate for transition to 100% green power from 2024 via installation of Off grid solar power and battery storage to the construction facility.

5. EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

ECOLIV uses 100% Powershop Climate Active carbon neutral electricity.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity was purchased via a Climate Active carbon neutral certified electricity provider, Powershop.

Emission category	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 (tCO ₂ -e)
Accommodation and facilities	0.00	0.00	2.30	2.30
Cleaning and Chemicals	0.00	0.00	0.80	0.80
Climate Active Carbon Neutral Products and Services / Electricity	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	326.84	326.84
Food	0.00	0.00	0.19	0.19
Horticulture and Agriculture	0.00	0.00	1.47	1.47
ICT services and equipment	0.00	0.00	8.37	8.37
Machinery and vehicles	0.00	0.00	1.40	1.40
Office equipment & supplies	0.00	0.00	3.24	3.24
Postage, courier and freight	0.00	0.00	123.84	123.84
Professional Services	0.00	0.00	38.20	38.20
Transport (Air)	0.00	0.00	2.39	2.39
Transport (Land and Sea)	24.00	0.00	4.64	28.64
Waste	0.00	0.00	17.76	17.76
Staff Commuting	0.00	0.00	27.65	27.65
Working from home	0.00	0.00	0.24	0.24
Grand Total	24.00	0.00	559.35	583.34

Uplift factors

N/A.

6. CARBON OFFSETS

Offsets retirement approach

In arrears

1. Total emissions footprint to offset for this report	584
2. Total eligible offsets purchased and retired for this report	584
3. Total eligible offsets banked to use toward next year's report	0

Co-benefits

Co-benefits of the Midilli Hydroelectric Power Plant in Turkey, offset project chosen, include environmental, social and economic contributions.

The environmental benefits are related to the displacement of carbon intensive electricity generation by using renewable energy sources. This includes the reduction of another air pollutants such as SO₂, NO_x, or Particulate Matter. In terms of climate action, this project aims to contribute to an emission reduction of 63775 tonnes CO₂e per year.

The social and economic co-benefits are related to the positive employment effect during the construction and installation period. This also impacted positively with job creation that requires high qualification and capacity building.

Additionally, this project contributes to SDG 7 Affordable and Clean Energy and SDG 13 Climate Action.

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 (%)
Midilli Hydroelectric Power Plant, Turkey	VCUs	VERRA	07/07/2022	12434-410653182-410653765-VCS-VCU-290-VER-TR-1-1330-01012018-31122018-0	2018		584	0	0	584	100%
Total offsets retired this report and used in this report										584	
Total offsets retired this report and banked for future reports									0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	584	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

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

1. Large-scale Generation certificates (LGCs)*	0
2. Other RECs	0

* 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.

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity was purchased via a Climate active carbon neutral certified electricity provider, Powershop.

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
Powershop Electricity (100%)	8652	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

N/A

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.

No emissions have been excluded from this inventory.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



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