




PUBLIC DISCLOSURE STATEMENT

STREET FURNITURE AUSTRALIA PTY LTD

**ORGANISATION CERTIFICATION
FY2023–24 (PROJECTION)**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Street Furniture Australia Pty Ltd
REPORTING PERIOD	Financial year 1 July 2023 – 30 June 2024 Projected
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>Kiara Spencer-Smith Senior Industrial Designer 10/05/2024</p>



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

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Version March 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	6,760 tCO ₂ -e
OFFSETS USED	100% VCU's
RENEWABLE ELECTRICITY	18.59%
CARBON ACCOUNT	Prepared by: Pangolin Associates Pty Ltd.
TECHNICAL ASSESSMENT	18/07/2023 Pangolin Associates Next technical assessment due: FY 2026
THIRD PARTY VALIDATION	Type 1 14/12/2023 start2see

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2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon neutral certification is for the business operations Street Furniture Australia and is a projection for the financial year 1 July 2023 – 30 June 2024 based on data corresponding to the period 1 July 2021 – 30 June 2022. It covers the emissions generated by the operations of Street Furniture Australia Pty Ltd and the manufacturing of outdoor furniture sold by Street Furniture Australia Pty Ltd (cradle-to-grave excluding the use stage).

This is a parent certification that shares the same system boundaries as the product child certification (Street Furniture Australia Product Certification).

The methods used for collating data, performing calculations, and presenting the carbon account are in accordance with the following standards:

- Climate Active Carbon Neutral Standard for Organisations
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008.

Organisation description

Street Furniture Australia designs and manufactures highly durable furniture for the public realm. The company uniquely runs both an R&D program and factory under one roof in Western Sydney, Australia.

Their product offering includes:

- Seats
- Benches
- Tables
- Shade structures
- Bollards
- Litter solutions
- Drinking fountains
- Planter boxes
- Tree Surrounds
- Accessories (e.g ash boxes, seat dividers etc)

Since 1986 they have supplied to more than 30,000 places in Australia and around the globe. Recent projects include the new Google Campus in Washington, Houston Botanic Garden and Long Island Rail Road in New York. All products are made-to-order, finished, quality-controlled and dispatched from the factory floor to ISO standards.

Street Furniture's mission is to bring enjoyment to all those who *create, build, maintain* and *use* public places. To achieve this, they are committed to:

- Creating spaces that make smiles.
- Caring design that treads lightly on the planet.
- Ensuring public spaces are accessible for everyone.
- Partnerships that help clients to create a sense of place.
- Long-term thinking, so their business and the spaces they help to create endure.

Trading Name: Street Furniture Australia Pty Ltd

ABN: 46 070 910 100

Address: N6 Regents Park Estate, 391 Park Road, Regents Park NSW 2143

This submission follows an operational control approach.

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 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

Accommodation and facilities
Air transport
Cleaning and Chemicals
Climate Active Carbon
Neutral Product - Paper
Electricity
Employee commute
Food
ICT services and equipment
Land and sea transport
Metal input material
Office equipment & supplies
Postage, courier and freight
Products
Professional Services
Refrigerants
Stationary energy
Waste
Water
Wood input material
Working from home
End of life treatment of sold
furniture

Non-quantified

N/A

Outside emission boundary

Excluded

Use of the furniture sold
by Street Furniture
(maintenance and
potential energy usage
from electronic
material)

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Street Furniture Australia commits to reduce absolute scope 1 and 2 GHG emissions by 42% by 2030, compared to an FY22 base year. We also commit to reduce scope 3 GHG emissions by 15% per \$ of product sold by 2030, compared to an FY22 base year with a focus on reducing the emissions associated with our use of aluminium and steel.

As the bulk of our emissions are scope 3 and outside of our direct control, we will utilise the remainder of our first year of certification to engage deeply with our suppliers and sub-contractors on their climate change mitigation strategies. Based on the outcome of these discussions, a refined emissions reduction strategy will follow in FY25, which may include some adjustments to our scope 3 target.

Scope 1 emissions will be reduced by:

- Evaluating the production implications and then preparing a business case to replace our existing gas fired powder coating oven with an electric powder coating oven by 2030 or earlier. Pending approval from the board, this will significantly reduce our use of LPG gas. LPG gas accounted for 99.9% of our stationary fuel use and stationary fuels represented 90.1% of Scope 1 emissions in our FY22 base year.

Scope 2 emissions will be reduced by:

- Transitioning to 80% renewable energy by 2025 and 100% renewable energy by 2030. We will achieve this through one, or a combination of the following measures:
 - Purchasing certified Greenpower grid electricity
 - Installing solar panels on the factory roof at our Regents Park premises.

Scope 3 emissions will be reduced by:

Focusing on our use of Aluminium and Steel which accounted for 76.2% of our scope 3 emissions. Reducing the emissions in this area will largely depend on sectorial decarbonization of the aluminium and steel industry.

Aluminium

Aluminium accounted for 62.8% of our Scope 3 emissions in our FY22 base year. We will reduce the emissions associated with this material by switching to low carbon aluminium where possible. This will involve actively engaging with existing suppliers and scoping out new suppliers where applicable.

Typically low carbon aluminium refers to aluminium with a carbon intensity less than the 'global average'. This could mean the product contains recycled content, but current market products are much more likely to be virgin aluminium produced with a percentage of, or entirely with renewable energy.¹

¹ Low Carbon Aluminium Specification Guide, MECLA

We will also support sectorial decarbonization of the aluminium industry by adopting the following measures suggested by the Materials and Embodied Carbon Leaders' Alliance (MECLA) where possible:

- Supporting suppliers with clear climate change commitments and a decarbonization pathway to support their targets.
- Supporting suppliers who are transparent e.g. have a product-specific Environmental Product Declaration (EPD).
- Nominating Aluminium Stewardship Initiative (ASI) certified aluminium.
- Supporting suppliers who are participating in emissions reduction and research and development activities

In addition to this, we commit to investigating low-carbon alternatives to aluminium battens for use in the future. Aluminium batten extrusions accounted for 46.8% of our aluminium usage in our FY22 base year.

Steel

Steel (SS316, SS304 and mild steel) accounted for 13.5% of our Scope 3 emissions in our FY22 base year.

Currently, the availability of low-carbon steel (made using renewable energy and using recycled steel scrap) is still limited.

The International Energy Agency (IEA) roadmap projects that the broad deployment of breakthrough (steel) technology will accelerate between 2030 and 2050. However, we can expect to see first movers trial and implement first of a kind plants providing increased quantities of low-carbon steel to the market from the mid-2020s.²

Therefore, at present, our efforts will focus on supporting sectorial decarbonization of the steel industry by adopting measures suggested by the Materials and Embodied Carbon Leaders' Alliance (MECLA):

- Supporting suppliers with clear climate change commitments and a decarbonization pathway to support their targets.
- Supporting suppliers who are transparent e.g. have a product-specific Environmental Product Declaration (EPD)
- Specifying steel from suppliers who are certified to a credible stewardship scheme e.g. ResponsibleSteel™
- Supporting suppliers who are participating in emissions reduction and research and development activities e.g. Australian Industry Energy Transitions Initiative / worldsteel StepUp™ Program

In addition to the above we will also

- Endeavor to improve the quality of our product related data and therefore, improve the monitoring and management of our emissions. Measures will include progressively adding weights to all cast, laser and fabricated component stock listings in our project management software and obtaining supplier specific emission factors.

² Public Policy Paper: Climate change and the production of iron and steel, World Steel Association, 2021

Business operations

The remainder of our scope 3 emissions are from our business operations. The following actions will be implemented in the next 3-5 years to reduce scope 3 emissions:

- Collaborate with our service suppliers (telecommunications, software, IT, advertising, freight) to obtain accurate greenhouse gas emissions totals for the service they supply and encourage them to implement an emission reduction strategy.
- Reduce business flights to only necessary travel and shift to lower carbon travel options where possible.

5. EMISSIONS SUMMARY

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

Certified brand name	Product/Service/Building/Precinct used
Reflex	Paper

Emissions summary

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

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 (t CO ₂ -e)
Accommodation and facilities	0	0	0.19	0.19
Cleaning and Chemicals	0	0	2.93	2.93
Climate Active Carbon Neutral Product - Paper	0	0	0	0.00
Construction Materials and Services	0	0	25.67	25.67
Electricity	0	132.84	0.00	132.84
Food	0	0	7.19	7.19
ICT services and equipment	0	0	66.66	66.66
Office equipment & supplies	0	0	10.13	10.13
Postage, courier and freight	0	0	235.25	235.25
Products	0	0	5659.25	5659.25
Professional Services	0	0	93.96	93.96
Refrigerants	20.19	0	0.00	20.19
Stationary Energy (gaseous fuels)	0.01	0	0.00	0.01
Stationary Energy (liquid fuels)	324.23	0	19.26	343.49
Transport (Air)	0.00	0	10.28	10.28
Transport (Land and Sea)	15.39	0	62.46	77.85
Waste	0.00	0	60.01	60.01
Water	0.00	0	5.67	5.67
Working from home	0.00	0	8.35	8.35
Total emissions	359.82	132.84	6267.27	6759.93

Breakdown of emissions per scope and per functional unit:

Scope 1 (tCO₂-e)	Scope 2 (tCO₂-e)	Scope 3 (tCO₂-e)
359.82	119.7	6280.4
Scope 1 (kg CO₂-e per \$ revenue from product sold)	Scope 2 (kg CO₂-e per \$ revenue from product sold)	Scope 3 (kg CO₂-e per \$ revenue from product sold)
0.02	0.01	0.43

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken a forward offsetting approach. The total emission to offset is 6,760 t CO₂-e. The total number of eligible offsets used in this report is 6,760. Of the total eligible offsets used, 0 were previously banked and 6,760 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

The Rimba Raya REDD+ project has successfully defended 64,500 hectares of carbon and biodiversity-rich lowland peat forest from conversion to oil palm plantations, which surround the project area and adjacent Tanjung Putting National Park. Rimba Raya protects over 120 threatened and endangered species in the project area including the endangered Borneo Orangutan and supports over 10,000 forest-dependent community members living in and along the boundaries of the project, who have traditionally held no tenure and who have used the forest in an unsustainable way.

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 (%)
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	18/12/2023	9900-157311091-157312751-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1	2018	-	1661	0	0	1661	24.6%
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	18/12/2023	9900-157286892-157287591-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1	2018	-	700	0	0	700	10.3%
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	18/12/2023	9900-157286392-157286642-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1	2018	-	251	0	0	251	3.7%
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	18/12/2023	9900-157229542-157229560-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1	2018	-	19	0	0	19	0.3%
Rimba Raya Biodiversity Reserve Project	VCUs	Verra	18/12/2023	9900-157309891-157310390-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1	2018	-	500	0	0	500	7.4%

Offsets retired for Climate Active Carbon Neutral Certification

Rimba Raya Biodiversity Reserve Project	VCUs	Verra	18/12/2023	9900-157286643-157286891-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1	2018		249	0	0	249	3.7%
Bundled Solar Power Project by Solararise India Projects PVT. LTD.	VCUs	Verra	18/12/2023	10730-245042601-245045980-VCS-VCU-997-VER-IN-1-1762-26042018-31122018-0	2018		3380	0	0	3380	50%
Total eligible offsets retired and used for this report										6760	
Total eligible offsets retired this report and banked for use in future reports									0		

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	6760	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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 (kgCO2e)	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)	30,488	0	19%
Residual Electricity	133,512	132,840	0%
Total grid electricity	164,000	132,840	19%
Total Electricity Consumed (grid + non grid)	164,000	132,840	19%
Electricity renewables	30,488	0	
Residual Electricity	133,512	132,840	
Exported on-site generated electricity	0	0	
Emissions (kgCO2e)		132,840	

Total renewables (grid and non-grid)	18.59%
Mandatory	18.59%
Voluntary	0.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO2e)	133

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 (kgCO2e)	Scope 3 Emissions (kgCO2e)
NSW	164,000	127,920	11,480
Grid electricity (scope 2 and 3)	164,000	127,920	11,480
NSW	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	164,000	127,920	11,480

Emission Footprint (TCO2e)	139
<i>Scope 2 Emissions (TCO2e)</i>	128
<i>Scope 3 Emissions (TCO2e)</i>	11

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
N/A	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

There are no non-quantified emissions sources as part of the emissions boundary in this certification.

Data management plan for non-quantified sources

N/A

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 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.

Excluded emissions sources summary.

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Use phase of the furniture sold by Street Furniture	N	Y	N	N	N	<p>Size: The furniture items require maintenance which would generate emissions during their use phase. The potential source of energy use is electricity usage from the electronic item used in some of the furniture sold (only 2 products sold have electronic items embedded and represent 0.2% of total products sold. The estimated electricity consumption from those items would be responsible for less than 0.2% of total emissions). Timber furniture requires regular maintenance (oiling) and steel/ aluminium furniture may require re-powder coating. However those activities would generate emissions that are immaterial compared to the manufacturing embodied emissions of the furniture. They are also out of direct control from Street Furniture and would vary from one customer to another and form the different usage of the sold product.</p> <p>Influence: Street Furniture Australia does have the potential to influence the emissions from this source through the design of its products.</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 product/service, for which most of the emissions are defined at the design stage in the choice of materials we use.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable products/services do not typically undertake this activity within their boundary.</p>



An Australian Government Initiative

