



PUBLIC DISCLOSURE STATEMENT


FENDER KATSALIDIS

ORGANISATION CERTIFICATION

FY 2022-23

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Fender Katsalidis (Aust) Pty Ltd
REPORTING PERIOD	1 July 2022 – 30 June 2023 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>Mark Murphy Managing Partner 10th November 2023</p>



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

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Version August 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS	769 tCO ₂ -e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	18%
CARBON ACCOUNT	Prepared by: Pangolin Associates Pty Ltd
TECHNICAL ASSESSMENT	Next technical assessment due: N/A

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2022 to 30 June 2023 and covers the Australian operations of Fender Katsalidis (Aust) Pty Ltd, ABN 54 092 943 032

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007.

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

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

Organisation description

Fender Katsalidis is a highly awarded, multi-disciplinary design practice whose work influences built environment thinking in Australia and globally. FK's collaborative approach has resulted in an outstanding reputation for delivering design excellence.

Having evolved from a Melbourne-based studio, the practice has now established its presence in Sydney and Brisbane, as well as a sister studio in London. This includes the following locations and facilities:

- Level 10, 2 Riverside Quay, Southbank 3006 VIC
- Level 21, 259 George Street, Sydney 2000 NSW
- Level 34, 123 Eagle Street, Brisbane 4000 QLD

Our team of over 140 delivers a range of projects that cover architecture, interior design, master planning and urban design. We engage with clients and partners collaboratively to deliver a shared vision based on excellent, sustainable and innovative design.

Renowned for our leading-edge and innovative projects in multi-residential, cultural, commercial, aged care and hospitality typologies, these outcomes are distinctive in form and with sound functional planning.

Fender Katsalidis produces built-form solutions that are notable not only for their design quality but also for their civic contribution and social and economic mindfulness.

Over the past 25 years, we have designed landmark buildings across the Asia-Pacific region, including 32 Smith Street in Sydney, Midtown Centre in Brisbane, Mona in Tasmania, Eureka Tower and Australia 108 in Melbourne, and Merdeka 118 in Kuala Lumpur, which is the second-tallest building in the world upon completion.

In addition to our definitive buildings and public realm design, we are equally proud of our achievements and innovation in the realm of 3D virtual building technology, documentation and quality assurance processes.

As design professionals, we are greatly invested in enriching the wellbeing of our environment, communities and future generations, and we aspire to create spaces that can have a positive and meaningful influence.

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
- Cleaning and Chemicals
- Climate Active Carbon Neutral Products and Services
- Construction Materials and Services
- Electricity
- Food
- ICT services and equipment
- Office equipment & supplies
- Postage, courier and freight
- Professional Services
- Refrigerants
- Transport (Air)
- Transport (Land and Sea)
- Waste
- Water
- Working from home

Non-quantified

N/A

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Fender Katsalidis (Aust) Pty Ltd commit to reduce emissions by 30% over 10 years compared to a 2021 baseline. This will include the following action:

Scope 2 emissions will be reduced by:

- Migrate our on-premises workloads to a cloud environment, significantly reducing our IT infrastructure footprint and increasing efficiency of our technology use by 2024.
- Switching all FK studio tenancies to 100% carbon neutral electricity by 2026.
- Engaging with the building management of all FK studio locations to work towards implementing carbon neutral electricity by 2028.

Scope 3 emissions will be reduced by:

- Educating our team members on sustainable working practices by 2025.
- Implement a Social Procurement Guide by 2024 and engage with current suppliers to work towards carbon-neutrality.
- Changing suppliers where necessary/applicable by 2027, prioritising carbon-neutrality wherever possible.
- Implementing a Corporate Travel Guide by 2024 to raise awareness and provide alternative options to reduce our carbon footprint.
- Eliminate emissions from business flights by acquiring carbon neutral offsets at point of purchase by 2027.

Emissions reduction actions

FK endeavors to improve efficiencies wherever possible and, in 2022, commenced the discovery process of moving its on-premises infrastructure to a cloud environment. With this significant change occurring over the coming years, we anticipate an overall long-term reduction in our emissions.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e (with uplift)
Base year:	2020-21	620.07
Year 1:	2021-22	559.07
Year 2:	2022-23	768.8

Significant changes in emissions

As part of FK's strategy to migrate our on-premises workloads to a cloud environment and reduce our IT infrastructure footprint, engagement of various technical services has been required as part of the change management process.

Emission source name	Previous year emissions (kg CO ₂ -e)	Current year emissions (kg CO ₂ -e)	Detailed reason for change
Technical services	53,981.67136	154,346.751	Migration of IT infrastructure

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

Certified brand name	Product or Service used
Pangolin Associates	Consulting
123 Eagle Street	Base building
Energy Australia	Electricity

Emissions summary

Emission category	Sum of Scope 1 (t CO2-e)	Sum of Scope 2 (t CO2-e)	Sum of Scope 3 (t CO2-e)	Sum of Total Emissions (t CO2-e)
Accommodation and facilities	0.00	0.00	13.39	13.39
Cleaning and chemicals	0.00	0.00	8.55	8.55
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction materials and services	0.00	0.00	5.29	5.29
Electricity	0.00	64.37	62.54	126.90
Food	0.00	0.00	13.44	13.44
ICT services and equipment	0.00	0.00	155.83	155.83
Machinery and vehicles	0.00	0.00	6.04	6.04
Postage, courier and freight	0.00	0.00	3.98	3.98
Professional Services	0.00	0.00	309.52	309.52
Refrigerants	1.07	0.00	0.00	1.07
Stationary energy (gaseous fuels)	7.27	0.00	0.82	8.09
Transport (air)	0.00	0.00	32.33	32.33
Transport (Land and Sea)	0.00	0.00	48.56	48.56
Waste	0.00	0.00	14.79	14.79
Water	0.00	0.00	1.57	1.57
Working from home	0.00	0.00	8.90	8.90
Office equipment and supplies	0.00	0.00	9.97	9.97
Remote Employee	0.00	0.00	0.64	0.64
Total	8.34	64.37	696.15	768.85

Uplift factors

N/A.

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 768.8 t CO₂-e. The total number of eligible offsets used in this report is 769. Of the total eligible offsets used, 0 were previously banked and 769 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 Puting 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.

FLORESTA VERDE REDD+ project preserves 53,528 hectares in a critical region of the eastern amazon biome. A region where there is high deforestation risk. The project has quantifiable CCB benefits, as it provides full time employment, training and access for the families that live in and around the project area, to be self-empowered in a region where there are few job opportunities.

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 Solar Power Project by Solararise India Projects PVT. LTD.	VCU	Verra	8 Nov 2023	10730-245048150-245048779-VCS-VCU-997-VER-IN-1-1762-26042018-31122018-0	2018		630	0	0	630	82%
Floresta Verde REDD+ Project	VCU	Verra	8 Nov 2023	9166-72241590-72241666-VCS-VCU-1531-VER-BR-14-1953-01012017-31122017-1	2017		77	0	0	77	10%
Rimba Raya Biodiversity Reserve Project	VCU	Verra	8 Nov 2023	6979-362282847-362282908-VCU-016-MER-ID-14-674-01012014-30062014-1	2014		62	0		62	8%
Total eligible offsets retired and used for this report										769	
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)		769					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 (kg CO2-e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	1,651	0	1%
Total non-grid electricity	1,651	0	1%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	16,883	0	6%
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)	34,674	0	12%
Residual Electricity	244,429	233,430	0%
Total renewable electricity (grid + non grid)	53,208	0	18%
Total grid electricity	295,986	233,430	17%
Total electricity (grid + non grid)	297,637	233,430	18%
Percentage of residual electricity consumption under operational control	57%		
Residual electricity consumption under operational control	140,387	134,069	
Scope 2	123,978	118,399	
Scope 3 (includes T&D emissions from consumption under operational control)	16,409	15,670	
Residual electricity consumption not under operational control	104,042	99,360	
Scope 3	104,042	99,360	

Total renewables (grid and non-grid)	17.88%
Mandatory	11.65%
Voluntary	5.67%
Behind the meter	0.55%
Residual scope 2 emissions (t CO2-e)	118.40
Residual scope 3 emissions (t CO2-e)	115.03
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	64.37
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	62.54
Total emissions liability (t CO2-e)	126.90

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 (kg CO ₂ -e)	Scope 3 Emissions (kg CO ₂ -e)	(kWh)	Scope 3 Emissions (kg CO ₂ -e)
ACT	0	0	0	0	0	0
NSW	74,893	74,893	54,672	4,494	0	0
SA	0	0	0	0	0	0
VIC	140,425	140,425	119,361	9,830	0	0
QLD	80,668	80,668	58,888	12,100	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)	295,986	295,986	232,921	26,424	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	1,651	1,651	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)	1,651	1,651	0	0		
Total electricity (grid + non grid)	297,637					

Residual scope 2 emissions (t CO₂-e)	232.92
Residual scope 3 emissions (t CO₂-e)	26.42
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	151.49
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	13.99
Total emissions liability (t CO₂-e)	165.48

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)
123 Eagle Street, Brisbane	63,785	0
<p><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></p>		

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)
Energy Australia (opt-in)	47,763	0
<p><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></p>		

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
N/A	N/A

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 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
N/A	N/A	N/A	N/A	N/A	N/A	N/A



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