

# PUBLIC DISCLOSURE STATEMENT

FENDER KATSALIDIS

ORGANISATION CERTIFICATION FY2021–22

#### Australian Government

# Climate Active Public Disclosure Statement







NAME OF CERTIFIED ENTITY	Fender Katsalidis (Aust)
REPORTING PERIOD	1 July 2021 – 30 June 2022 Arrears report
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.  Mark Murphy Managing Partner 24 <sup>th</sup> November 2022



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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



## 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	560 tCO <sub>2</sub> -e
OFFSETS BOUGHT	73% VCUs 27% VERs
RENEWABLE ELECTRICITY	39.57%
TECHNICAL ASSESSMENT	Next technical assessment due: FY2023-24

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## 2. CARBON NEUTRAL INFORMATION

#### **Description of certification**

This inventory has been prepared for the financial year from 1 July 2021 to 30 June 2022 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

"Fender Katsalidis is committed to effective, measurable change in the industry.
Climate Active certification is key to accountability and international excellence in carbon accounting."



Our team of over 160 delivers a range of projects that cover architecture, interior design, adaptive reuse 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, built-to-rent, cultural, commercial, seniors living 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 will be the second-tallest building in the world upon completion in 2023.

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 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.



**Outside emission** Inside emissions boundary boundary **Excluded** Quantified Non-quantified N/A N/A 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 **Optionally included** Transport (Air) Remote Employee (Malaysia) Transport (Land and Sea) Waste Water Working from home

## 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**

Fender Katsalidis (Aust) Pty Ltd commit to reduce emissions by 30% over 10 years compared to a 2022 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 2023 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 2023 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 endeavours 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 a continued reduction in our emissions.

Fender Katsalidis

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## **5.EMISSIONS SUMMARY**

#### **Emissions over time**

Emissions since base year				
			Total tCO <sub>2</sub> -e	
Base year/Year 1:	2020-21		620.07	
Year 2:	2021-22		559.07	

#### Significant changes in emissions

Due to FK's organic growth in the past year coupled with our team members more frequent attendance to our studios, we have seen a required increase in our computer and technical services.

Emission source name	Current year (tCO <sub>2</sub> -e and/ or activity data)	Previous year (tCO <sub>2</sub> -e and/ or activity data)	Detailed reason for change
Total net electricity emissions (Market based)	105.31	155.20	Energy efficiency
Computer and technical services	127.59	115.69	Organic growth
Technical services	53.98	40.25	Organic growth
WFH	34.05	45.55	Reduced WFH post- COVID

### Use of Climate Active carbon neutral products and services

Carbon neutral Reflex paper (Opal Australian Paper) was purchased by Fender Katsalidis in FY2021/2022.

Additionally, Fender Katsalidis' Sydney office purchases Energy Australia opt-in Climate Active carbon neutral certified electricity. Fender Katsalidis' Brisbane office is located within a Climate Active certified carbon neutral base-building, Riverside Center, 123 Eagle St, Brisbane, managed by The GPT Group.

This assessment and Climate Active submission were prepared with the assistance of <u>Pangolin Associates</u>, whose services are also carbon neutral.



## Organisation emissions summary

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

Emission source	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	4.13	4.13
Cleaning and Chemicals	0.00	0.00	6.06	6.06
Climate Active Carbon Neutral Products and				
Services	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	4.86	4.86
Electricity	0.00	105.31	0.00	105.31
Food	0.00	0.00	9.59	9.59
ICT services and equipment	0.00	0.00	144.60	144.60
Office equipment & supplies	0.00	0.00	6.24	6.24
Postage, courier and freight	0.00	0.00	2.84	2.84
Professional Services	0.00	0.00	176.53	176.53
Refrigerants	2.60	0.00	0.00	2.60
Transport (Air)	0.00	0.00	38.01	38.01
Transport (Land and Sea)	0.00	0.00	21.23	21.23
Waste	0.00	0.00	0.87	0.87
Water	0.00	0.00	1.23	1.23
Working from home	0.00	0.00	34.05	34.05
Land and Sea Transport (km)	0.00	0.00	0.00	0.00
Remote Employee	0.00	0.00	0.92	0.92
Grand Total	2.60	105.31	451.17	559.08

## **Uplift factors**

N/A



## **6.CARBON OFFSETS**

## Offsets retirement approach

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In :	arrears	
1.	Total number of eligible offsets banked from last year's report	149
2.	Total emissions footprint to offset for this report	560
3.	Total eligible offsets required for this report	560
4.	Total eligible offsets purchased and retired for this report	411
5.	Total eligible offsets banked to use toward next year's report	0

### Co-benefits

#### Orana Park

100 credits are stapled with an Australian vegetation offset from Bendigo, Victoria (see project details on the following page). The project is ambitious, encompassing regenerative farming, threatened species recovery and work into bio-links.



# Orana Park

Orana Park is a 4,500ha farm northwest of Bendigo, Victoria owned and operated by the Tiverton Agriculture Impact Fund (TAIF).

TAIF's work with Orana Park will see the full restoration of riparian vegetation along the banks of the 33km Loddon river as well as a purpose-built wildlife sanctuary.

Orana Sanctuary has been built for Australian threatened species protection and breeding on 200ha of predator- proof land.

The sanctuary will become a new home for the critically endangered Eastern Bettong and Bush Stone Curlew incubation and recovery programs.

Size Hectares 4,580

Riparian Protection

33km

Biodiversity Corridors

800ha

Soil Sequestration 300,000t CO2

Threatened Species

Eastern Bettong

NCU Allocation

95,000







MT ROTHWELL
NATURAL CAPITAL





## 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 <sub>2</sub> -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 (%)
Mersin Wind Farm Project, Turkey	VERs	Gold Standard	16 Mar 2021	GS1-1-TR-GS753-12-2014- 7213-40168-40737	2014	0	570	421	0	149	27%
Bundled Wind Power Project by Mytrah Group stapled with	VCU	Verra	7/12/2022	6918-358611908- 358612007-VCU-034-APX- IN-1-1728-01012017- 24112017-0	2017	0	100	0	0	100	18%
Orana Natural Capital Project	NCU	Cleaner Climate	14/12/2022	23428-23527	-	100	0	0	0	0	-
Bundled Wind Power Project by Mytrah Group	VCU	Verra	7/12/2022	6918-358614023- 358614333-VCU-034-APX- IN-1-1728-01012017- 24112017-0	2017	0	311	0	0	311	55%
Total offsets retired this report and used in this report						560					
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)	411	73%
Voluntary Emission Reductions (VER's)	149	27%



# 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A



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## APPENDIX A: ADDITIONAL INFORMATION

Details of the stapled credits retired are contained below.



Our reference: VLQ- VC\_CFL-3071\_01 VOL001- NCU-036

#### 14 December 2022

Hayley Cleeland Fender Katsilidis (Aust) Pty Ltd 2 Riverside Quay, Southbank VIC 3006

Text

#### Natural Capital Units issued

Dear Hayley,

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

Date	Project Reference	Serial Numbers	Amount
14.12.2022	Retired on behalf of Fender Katsalidis for FY2022 for Climate Active	23428-23527	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

Vegetation Link Pty Ltd ABN: 92 169 702 032 www.vegetationlink.com.au

1300 VEG LINK (1300-834-546) | offsets@vegetationlink.com.au | PO Box 10 Castlemaine VIC 3450



## APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach.

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.

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.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissi ons (kgCO2 e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	2,283	0	1%
Total non-grid electricity	2,283	0	1%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	34,888	0	20%
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)	32,136	0	18%
Residual Electricity	105,842	105,309	0%
Total grid electricity	172,865	105,309	38%
Total Electricity Consumed (grid + non grid)	175,149	105,309	40%
Electricity renewables	69,307	0	
Residual Electricity	105,842	105,309	
Exported on-site generated electricity	0	0	
Emissions (kgCO2e)		105,309	

Total renewables (grid and non-grid)	39.57%
Mandatory	18.35%
Voluntary	19.92%
Behind the meter	1.30%
Residual Electricity Emission Footprint (TCO2e)	105
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 Emissi ons (kgCO2 e)	Scope 3 Emissions (kgCO2e)			
ACT	0	0	0			
NSW	39,269	30,629	2,749			
SA	0	0	0			
Vic	133,597	121,573	13,360			
Qld	0	0	0			
NT	0	0	0			
WA	0	0	0			
Tas	0	0	0			
Grid electricity (scope 2 and 3)	172,865	152,203	16,108			
ACT	0	0	0			
NSW	0	0	0			
SA	0	0	0			
Vic	2,283	0	0			
Qld	0	0	0			
NT	0	0	0			
WA	0	0	0			
Tas	0	0	0			
Non-grid electricity (Behind the meter)	2,283	0	0			
Total Electricity Consumed	175,149	152,203	16,108			
Emission Footprint (TCO2e)	168					
Scope 2 Emissions (TCO2e)	152					
Scope 3 Emissions (TCO2e)	16					
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Scope 2 Emissions (TCO2e)	152	
Scope 3 Emissions (TCO2e)	16	

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissi ons (kgCO2 e)
<ul> <li>Energy Australia opt-in product.</li> <li>123 Eagle Street. Brisbane – Base Building¹</li> </ul>	54,843	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

<sup>&</sup>lt;sup>1</sup> This refers to base building electricity included in the building manager's Climate Active certification.



## APPENDIX C: INSIDE EMISSIONS BOUNDARY

#### Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. 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. <u>Data unavailable</u> 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance	
N/A	N/A	N/A	N/A	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:

- <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
- 2. <u>Influence</u> 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.
- 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.



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





