



PUBLIC DISCLOSURE STATEMENT

FENDER KATSALIDIS

**ORGANISATION CERTIFICATION
FY2020-21 – TRUE UP**

Australian Government
Climate Active
Public Disclosure Statement



REPORTING PERIOD: Financial year 1 July 2020 – 30 June 2021

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.

Signature

A handwritten signature in black ink, appearing to read 'Mark Murphy', written over a horizontal line.

Date 03 MARCH 2022

Name of Signatory **MARK MURPHY**

Position of Signatory **MANAGING
DIRECTOR**



Australian Government
**Department of Industry, Science,
Energy and Resources**

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Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021 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. 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

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).

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

Organisation description

Fender Katsalidis is a highly awarded, multi-disciplinary design practice whose work influences built environment thinking in Australia and across the globe. 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. Our team of over 130 delivers a range of projects that cover architecture, interior design, masterplanning 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 their civic contribution as well as 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 become 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 the ensured health of our environment, our communities and our future generations, and we aspire to create spaces that can have a positive and meaningful influence.

2. EMISSION BOUNDARY

Diagram of the certification boundary



Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

N/A

“Through Climate Active Certification Fender Katsalidis can lead industry change with influence and authority.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

Fender Katsalidis acknowledges that the twin crises of climate breakdown and biodiversity loss are among the most serious issues of our time. As a signatory to Architects Declare a Climate and Biodiversity Emergency we have committed to acting with urgency.

Given the rapidly changing work environments of 2020 and beyond, Fender Katsalidis will continue to develop a detailed emission reduction strategy over the next two years and into the future.

We are committed to transparency in our actions and processes and have set a series of milestones and will report our progress annually. We continue to improve our ways of working and thinking through testing, developing and adopting new technologies and systems.

True-up

Table 1: True-up of total net emissions

1) Projected emissions for reporting period	769.06 t CO ₂ -e
2) Actual emissions for reporting period	620.07 t CO ₂ -e
3) Difference	148.99 t CO ₂ -e

Emissions summary (inventory)

Table 2

Emission source category	Projected emissions tonnes CO ₂ -e	Actual Emissions tonnes CO ₂ -e
Accommodation and facilities	25.16	2.31
Air transport (km)	116.30	12.33
Carbon neutral products and services	-	0.00
Cleaning and chemicals	10.61	7.99
Construction materials and services	-	8.85
Electricity	365.20	155.20
Food	20.82	17.01
ICT services and equipment	85.19	135.59
Land and sea transport (km)	33.44	10.11
Land and sea transport (\$)	3.35	-
Office equipment and supplies	61.42	41.52
Postage, courier and freight	1.38	4.77
Professional services	0.64	157.99
Remote employee	-	0.28
Refrigerants	0.94	-
Stationary energy	9.36	4.35
Waste	1.68	6.77
Water	2.24	9.43
Working from home	31.33	45.55
<i>Total Net Emissions</i>	769.06	620.07

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
N/A	
<i>Total footprint to offset (uplift factors + net emissions)</i>	620.07

Carbon neutral products

Carbon neutral Reflex and Brilliant Copy paper was purchased by Fender Katsalidis in FY2020/2021.

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

Electricity summary

Electricity was calculated using a market-based approach.

Market-based approach summary

Table 4

Market Based Approach	Activity Data (kWh)	Emissions (kgCO 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 & Precinct LGCs)	0	0	0%
GreenPower	51,646	0	21%
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)	45,816	0	19%
Residual Electricity	144,628	155,198	0%
Total grid electricity	242,090	155,198	40%
Total Electricity Consumed (grid + non grid)	242,090	155,198	40%
Electricity renewables	97,462	0	
Residual Electricity	144,628	155,198	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ e)		155,198	

A minus Residual Electricity Emissions in kgCO₂e rounds to zero because the negative emissions can only be used to reduce electricity consumption emissions. See electricity accounting rules for further information

Total renewables (grid and non-grid)	40.26%
Mandatory	18.93%
Voluntary	21.33%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO₂e)	155

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary

Table 5

Location-based approach	Activity Data (kWh)	Emissions (kgCO ₂ e)
NSW	91,009	81,908
VIC	139,078	151,595
QLD	12,002	11,162
Grid electricity (scope 2 and 3)	242,090	244,666
NSW	0	0
VIC	0	0
QLD	0	0
Non-grid electricity (Behind the meter)	0	0
Total Electricity Consumed	242,090	244,666

Emission Footprint (tCO₂-e)	245
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4. CARBON OFFSETS

Offsets strategy

Table 6

Offset purchasing strategy:	
Forward purchasing (True up)	
1. Total offsets previously forward purchased and banked for this report	770
2. Total emissions liability to offset for this report	621
3. Net offset balance for this reporting period	621
4. Total offsets to be forward purchased to offset the next reporting period	149
5. Total offsets required for this report	621

Co-benefits

Mersin Wind Farm Project, Turkey

Galata Wind Enerji A.S. installed Mersin Wind Farm Project with 42 MWM/42 MWe installed capacity in Mut district of Mersin province, Turkey. The project has 14 turbines, each having an output of 3.0 MW. The total electricity production of the project is expected to be 133.704 MWh/year. The annual emission reductions are estimated as 81.559 tCO₂-eq/year. The project helps Turkey to stimulate and commercialise the use of grid connected renewable energy technologies and markets. It demonstrates the viability of wind power plants which support improved energy security, improved air quality, alternative sustainable energy futures, improved local livelihoods and sustainable renewable energy industry development.

This project contributes to the following United Nations Sustainable Development Goals:

- **SDG 7 Affordable and Clean Energy;** Helping to reduce Turkey’s increasing energy deficit and diversifying the electricity generation mix and reducing import dependency
- **SDG 8 Decent Work and Economic Growth;** Helping to stimulate the growth of wind power industry in Turkey and creating local employment during the operation phase of the plant
- **SDG 13 Climate Action;** Reducing greenhouse gas emissions in Turkey compared to business-as-usual scenario

Natural Capital Units

The Yuxian Baiyantuo 49.3 MW Wind Power Project in China credits are stapled with an Australian vegetation offset from Bendigo, Victoria (below). 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



Offsets summary

Proof of cancellation of offset units

Table 7

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	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Natural Capital Unit - Yuxian Baiyantuo Wind Project, China stapled with Australian vegetation offset	VCUs	Verra	16 Mar 2021	8090-454684458-454684657-VCU-034-APX-CN-1-808-01012016-31122016-0	2016	200	0	0	200	32%
Mersin Wind Farm Project, Turkey	VERs	Gold Standard	16 Mar 2021	GS1-1-TR-GS753-12-2014-7213-40168-40737	2014	570	0	149	421	68%
Total offsets retired this report and used in this report									621	
Total offsets retired this report and banked for future reports								149		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Emissions Reductions (VERs)	421	68%
Verified Carbon Units (VCUs)	200	32%

5. USE OF TRADE MARK

Table 8

Description where trademark used	Logo type
Company websites	Certified organisation
Company reports	Certified organisation
Social Media Posts	Certified organisation
Submissions & EOIs	Certified organisation
Email signatures	Certified organisation

6. ADDITIONAL INFORMATION

N/A

APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 9

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>

N/A

APPENDIX 2

Non-quantified emissions for organisations

Table 10

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>

N/A



An Australian Government Initiative

