



PUBLIC DISCLOSURE STATEMENT

FIGUREHEAD CONSTRUCTION

ORGANISATION CERTIFICATION

CY2021


Australian Government
Climate Active
Public Disclosure Statement

FIGUREHEAD **fLUX**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Figurehead Construction
REPORTING PERIOD	Calendar year 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>Joe Grasso Managing Director 04/10/2022</p>



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

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Version March 2022.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	688.79 tCO ₂ -e
OFFSETS BOUGHT	51% CERs, 49% VCUs
RENEWABLE ELECTRICITY	136%
TECHNICAL ASSESSMENT	14/03/23 Arup Next technical assessment due: 30/04/23
THIRD PARTY VALIDATION	Type 1/2/3 06/06/22 Mr Kevin James Mottau Acknowledge Accounting

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2. CARBON NEUTRAL INFORMATION

Description of certification

Figurehead Group's Carbon Neutral Certification encompasses all business operations described in the emission boundary. This includes the operation of the company's workplaces (including working from home arrangements), and construction site emissions. Figurehead had 10 live construction sites during CY2021 throughout Metropolitan Melbourne, and the Mornington Peninsula. All areas identified in the emission boundary are under Figurehead's operational control. Figurehead, as Head Contractor does not have control or influence over building materials selected, and therefore has excluded this from the emission boundary.

The emission inventory in this public disclosure statement covering CY2021 reporting period has been developed in accordance with the Climate Active Carbon Neutral Standard for Organisations. Data collection and preparations of this report follows Greenhouse Gas Protocol principles of relevance, completeness, consistency, transparency, and accuracy.

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). No perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) or nitrogen trifluoride (NF₃) were detected within the operational boundary. All emission sources have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

“Figurehead's reputation is built upon considering our impact, and how to achieve a better result in everything we do. Our commitment to sustainability in the Construction Industry is no different—Climate Active certification is just the beginning.”

Construction projects are challenging and complex, but the entire Figurehead team recognise the urgency and ongoing requirements for a more sustainable future.”

Legal entity name	ABN	ACN
FIGUREHEAD CONSTRUCTION PTY LTD	60 128 751 155	128 751 155

Organisation Description

FIGUREHEAD CONSTRUCTION PTY LTD is the parent company (ABN: 60 128 751 155), trading as Figurehead Group. Figurehead Group is a Melbourne-based diversified construction business with a reputation for innovation and uncompromising quality. Figurehead was founded in 2007, with the intention of bringing the discipline and structure of a tier one builder to mid-market multi-residential projects.

Now a recognised industry leader, 100+ builds later, Figurehead Construction works across multiple sectors including Commercial, Education and Industrial Construction; and operates a bespoke building specialist under the brand, Flux. At any given time, Figurehead Group is constructing approximately 10 live projects, which can be categorised into small (below \$10M), medium (\$10-\$20M) or large (\$20-30M) for our organisation. In addition to Construction Delivery, Figurehead Group's operations include in-house Innovation and Community support functions including a dedicated Asthma Charity; the Zoe Kennedy Foundation.

Figurehead's office during this period was located at 1/11 Newton St, Cremorne VIC 3121. Construction for our future office at 116 Rokeby Street Collingwood has commenced—which includes a 100% Carbon Neutral

commitment while in operation through our Town Planning endorsement; underlining Figurehead's commitment to sustainability for the long term.

3. EMISSIONS BOUNDARY

Figurehead is classified as a medium organisation and meets the following criteria:

- ☑ A carbon footprint between 1,000t and 25,000t CO₂-e; or
- ☑ A carbon footprint < 1,000t CO₂-e; and
- ☑ An annual turnover ≥ \$10M or consolidated gross assets ≥ \$30M or ≥ 30 employees (FTE) or less than 80% of its total emissions from the small organisation emissions boundary defined in the Climate Active inventory.

Figurehead includes all direct (Scope 1) and indirect energy (Scope 2) emission sources in its GHG emissions inventory. It also includes indirect (Scope 3) emissions sources that results from the operations of its business. Figure 1 represents the emissions sources that have been included in our CY2021 carbon account.

Figurehead Construction set out to capture and account for the emissions generated from both the operation of their offices and their construction sites. Therefore, for ease of calculation and accounting purposes, emissions have been divided according to their emission source and are classified (and referenced throughout this statement) as being generated from their 'Office' or 'Building Sites'.

Inside emissions boundary	Outside emission boundary
<p><u>Quantified</u></p> <p>Office</p> <ul style="list-style-type: none"> • Electricity (Office & WFH) • Vehicle transport - Company vehicles • Staff commute • Taxis / ride share • Repair of company vehicles • Water (supply & treatment) • Office furniture • Printing and stationery • Mailing services • Paper • Refrigerants • Waste <p>Building Sites</p> <ul style="list-style-type: none"> • Electricity (building sites) 	<p><u>Quantified cont.</u></p> <ul style="list-style-type: none"> • Stationary energy (forklifts) • Stationary energy (generators) • Water (supply & treatment) • Refrigerants • Paper • Waste • Staff commute (car) • Staff commute (all excl. car) <p><u>Non-quantified</u></p> <p>Office</p> <ul style="list-style-type: none"> • Cleaning & Chemicals • ICT Services & Equipment
	<p><u>Excluded</u></p> <ul style="list-style-type: none"> • Food and catering • Freight of goods • Construction materials

Excluded sources (outside of certification boundary)

The following emissions sources have been excluded from the organisation certificate in line with the provisions and application of the relevance test under the Climate Active Carbon Neutral Standard for Organisations. The impact of excluding these sources is not expected to materially affect the overall total emissions. Building materials have also been excluded as Figurehead does not have organisational control or influence over which materials are specified for construction of buildings.

- Food and catering
- Freight of goods
- Building materials

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Taking action of climate change is critical and achieving carbon neutrality will empower our organisation to support climate action whilst meeting our business needs. We have made the following two commitments to reflect our ambition to reducing our carbon impact:

1. Commitment to net zero carbon emissions for all corporate Office operations by 2027.
2. Commitment to 50% reduction of emissions from construction sites by 2027 from a 2021 baseline.

Further emissions reduction actions will focus on addressing staff behaviour, office procurement, and waste reduction. We have planned the following emissions reduction actions to assist us in achieving our reduction targets:

Emission source category	Action
<u>Office</u>	
Electricity (working from home)	Actively encourage and support staff to explore installing solar systems at home by demystifying current information, providing information on legitimate installers and available rebates. Initiative to be implemented by end 2024.
Staff commute	Promote sustainable transports for staff to the office and site to reduce transport emissions. Promotion to start in line with new HQ (116 Rokeby, Collingwood) – March 2024.
<u>Building Sites</u>	
Electricity	Investigate and implement transition to Greenpower on all active building sites. To be implemented by end 2024.
Waste (general & construction)	Improve onsite waste management and separation to avoid waste to landfill. To be implemented by end 2024.

Further to this, as mentioned above we are currently developing our future Head Office at 116 Rokeby St, Collingwood – an all-electric, 100% carbon neutral building we will retain ownership of. As building owner and occupant, Figurehead will maintain the building’s ongoing carbon neutral certification (town planning commitment), as well as ongoing 5.5 star NABERS and Platinum WELL certification. The building is due for completion early 2024, with the majority of initiatives to be implemented concurrently with this.

Refer below Yarra City Council article on 116 Rokeby:

<https://www.yarracity.vic.gov.au/services/planning-and-development/planning-applications/environmentally-sustainable-design-in-planning/zero-carbon-developments/rokeby-street>

5. EMISSIONS SUMMARY

Organisation emissions summary (inventory)

Figurehead’s emissions inventory is summarised in the table below.

Emission source category	tonnes CO ₂ -e
<u>Office</u>	
Electricity (office)	0
Electricity (working from home)	6.15
Vehicle transport – Company vehicles (medium hybrid + large diesel)	12.52
Repair of company vehicles	2.02
Water (Supply and Wastewater Treatment)	0.87
Office Furniture	5.85
Printing and stationary	1.44
Paper	0.82
Mailing services	0.78
Refrigerants	321.41
Waste	12.98
Staff commute (combined)	37.30
Taxi and ride share	0.37
<u>Building Site</u>	
Electricity	187.51
Land and sea transport	43.69
Office equipment & supplies	2.087
Refrigerants	2.05

Emission source category	tonnes CO ₂ -e
Stationary energy	20.74
Waste	26.61
Water	1.38
<i>Total Net Emissions</i>	686.59

Uplift factors

Reason for uplift factor	tonnes CO ₂ -e
<u>Office</u>	
Cleaning & Chemicals – Uplift to account for non-quantified sources where data is unavailable.	0.2
ICT Services & Equipment – Uplift to account for non-quantified sources where data is unavailable.	2
<i>Total footprint to offset (uplift factors + net emissions)</i>	688.79

6. CARBON OFFSETS

A carbon offset is generated from an activity that prevents, reduces, or removes greenhouse gas emissions from being released into the atmosphere to compensate for emissions occurring elsewhere. Carbon offsets are tradeable units that represent abatement of greenhouse gas emissions. Offsets represent the rights to a greenhouse gas reduction, and the carbon offsets purchased are retired through a registered third party so they cannot be counted twice.

Offsets retirement approach

Offset purchasing strategy: In Arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	689
3. Net offset balance for this reporting period	689
4. Total offsets to be forward purchased to offset the next reporting period	33
5. Total offsets required for this report	689

Co-benefits

Figurehead are offsetting majority of our emissions by investing in Carbon Neutral's Australian Native Reforestation Project in the Yarra Yarra Biodiversity Corridor, in conjunction with wind farm renewable energy projects.

The *Yarra Yarra Biodiversity Corridor* is a native reforestation project located in Southwest Australia. The table indicates the co-benefits of this project and how this project contributes to the United Nation SDGs. As land use and forestry activities are recognised as requiring high levels of upfront finance to source land, to plant and to manage, we have supplemented local biodiverse reforestation carbon offsets from the *Yarra Yarra Biodiversity Corridor* with Climate Active eligible offset units.

Biodiverse Reforestation Carbon Offsets

Serials: 12PWA308450B - 12PWA308809B

Offsets Summary

Proof of cancellation of offset units

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 (%)
Biodiverse Reforestation Carbon Offsets ¹ <i>Yarra Yarra Biodiversity Corridor, Western Australia</i>	CDM-CER	ANREU	9 August 2022	12PWA308450B - 12PWA308809B	CP2 (2014-2016)	376	376	0	0	376	52%
Stapled to <i>IN-4463 Metro Delhi Project, India</i>			9 August 2022	239,743,305 - 239,743,664 239,749,704 - 239,749,719			376				
Hebei Yuxian renewable energy (wind power) Project, China	Verra VCS VCU	EMA	9 August 2022	8097-455254439-455254784-VCU-034-APX-CN-1-814-01012016-31122016-0	2016		346	0	0	346	48%
Total offsets retired this report and used in this report										689	100%

Total offsets retired this report and banked for future reports

33

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	376	52%
Verified Carbon Units (VCUs)	346	48%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Use of Trade Mark

Description where trademark used	Logo type
Corporate Profile	Certified organisation
Website	Certified organisation
Instagram	Certified organisation
Linked In	Certified organisation
Email Signature	Certified organisation
Tender Proposal	Certified organisation
Cost Plan Proposal	Certified organisation
New Business Proposal	Certified organisation
Recruitment Presentation	Certified organisation

APPENDIX B: ELECTRICITY SUMMARY

Market Based Approach Summary (Office)

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)	0	0	0%
GreenPower	72,255	0	98%
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)	13,647	0	19%
Residual Electricity	-12,493	-12,430	-17%
Total grid electricity	73,408	-12,430	100%
Total Electricity Consumed (grid + non grid)	73,408	-12,430	117%
Electricity renewables	85,901	0	
Residual Electricity	-12,493	-12,430	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO2e)		0	

Total renewables (grid and non-grid)	117.02%
Mandatory	18.59%
Voluntary	98.43%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO2e)	0

Location-Based Approach Summary (Office)

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	73,408	66,801	7,341
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	73,408	66,801	7,341
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0

NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	73,408	66,801	7,341

Emission Footprint (TCO2e)	74
<i>Scope 2 Emissions (TCO2e)</i>	67
<i>Scope 3 Emissions (TCO2e)</i>	7

Market Based Approach Summary (Sites)

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)	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)	43,035	0	19%
Residual Electricity	186,459	187,510	0%
Total grid electricity	231,494	187,510	19%
Total Electricity Consumed (grid + non grid)	231,494	187,510	19%
Electricity renewables	43,035	0	
Residual Electricity	188,459	187,510	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO2e)		187,510	

Total renewables (grid and non-grid)	18.59%
Mandatory	18.59%
Voluntary	0.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO2e)	188

Location-Based Approach Summary (Sites)

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	231,494	210,659	23,149
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	231,494	210,659	23,149
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	231,494	210,659	23,149

Emission Footprint (TCO2e)	234
Scope 2 Emissions (TCO2e)	211
Scope 3 Emissions (TCO2e)	23

Climate Active Carbon Neutral Electricity Summary

Carbon Neutral Electricity Offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
<i>Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.</i>	0	0

Non-quantified emissions sources

The following emissions sources have been assessed as attributable, 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. **Data unavailable** Data is unavailable, but uplift applied. A data management plan must be put in place to collect data prior to the as-built report.

Relevant non-quantified emission sources	Justification reason
Cleaning and Chemicals	Data Unavailable
ICT Services and Equipment	Data Unavailable

Data Management Plan

The data management plan below outlines how more rigorous quantification can be achieved for material (greater than 1%) non-quantified emission sources.

Figurehead will from CY23 endeavour to separate cleaning costs from general operating costs and therefore declare products/chemicals used in future reports. Costs and or quantities of cleaning and chemicals will be pulled from invoices and used as data for reporting.

Figurehead will from CY23 endeavour to collate ICT equipment and services costs and declare in future reports. Invoices from operating company websites, IT services and ICT equipment will be used and input as data to quantify this source.

APPENDIX C: 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.

Excluded emissions are detailed below against each of the five criteria:

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Freight of Goods	No	No	No	Yes	No	No
Food & Catering	No	No	No	No	Yes	No
Building Materials	Yes	No	No	No	No	No

Emissions from the freight of goods has been excluded as it has been assessed as not relevant according to the relevance test.

Emissions from food and catering has been excluded as it has been assessed as not relevant according to the relevance test. There is very limited food and catering provision in the day-to-day operations of our organisation.

Emissions from building materials has been excluded as it has been assessed as not relevant according to the relevance test. Although embodied emissions associated with building materials are likely to be high, Figurehead cannot control or influence the selection of these in carrying out its work.