



PUBLIC DISCLOSURE STATEMENT

FRED ST PTY LTD

ORGANISATION CERTIFICATION

CY 2022

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	FRED St Pty Ltd
REPORTING PERIOD	Calendar Year 1 January 2022 – 31 December 2022 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><i>Tessa Leggo</i></p>
	Tessa Leggo Director 21 April 2023



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

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Version March 2023.

1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	16 tCO ₂ -e
OFFSETS USED	100% CERS
RENEWABLE ELECTRICITY	100% Renewable energy
CARBON ACCOUNT	Prepared by: Green Moves (Aust) Pty Ltd
TECHNICAL ASSESSMENT	Not required

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2. CARBON NEUTRAL INFORMATION

Description of certification

Australian business operations of FRED St Pty Ltd, Landscape Architects. ABN 33 167 842 908.

This carbon emission inventory has been based on the Climate Active Small Organisation fixed emission boundary using an operational control approach. This certification covers the business operations of the Australian business whose office is based at Unit 1, 29A Logan Rd Woolloongabba QLD 4102.

Organisation description

FRED St are a small organisation practising Landscape Architecture located at Unit 1, 29A Logan Rd Woolloongabba QLD 4102. ABN 33 167 842 908

FRED St is a company that provides specialised landscape architectural services. We cater for all commercial projects from boutique to major infrastructure, across sectors and development phases. We are a dynamic group of professionals that love being able to 'see' the big idea and follow through with detailed delivery.

FRED represents the everyday person and St represents the external spaces: designing places for people is what we do. Each project is an opportunity to extend our interaction with the landscape and our environment and we want to facilitate better outcomes for our end client, the people that use it! We are constantly striving to be a landscape architectural firm that is socially and environmentally responsible and we take pride in the advocating role our expertise allows. We're on a journey to ensure that our actions are thoughtful, meaningful and contribute positively to a sustainable future.

There are no subsidiaries to be included in this certification.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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

Stationary energy and fuels
Electricity
Accommodation
Carbon neutral products and services
Cleaning and chemicals
Food
ICT services and equipment
Professional services
Land and sea transport
Office equipment and supplies
Postage, courier and freight
Refrigerants
Transport (air)
Transport (land and sea)
Waste

Non-quantified

Water

Outside emission boundary

Excluded

None

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

FRED St commits to reduce emissions across its value chain (scope 1, 2 and 3) by at least 10% by 2025, and 30% by 2030. As FRED St is a growing business, measuring emissions reduction from a base year when circumstances change annually, does not provide a true reflection of reductions achieved. We will measure our emissions against a key performance indicator (KPI) of emissions / annual turnover baselined on this CY 2021 base year.

Our base year CY21 KPI is 0.0178 t CO₂-e per \$1000 turnover.

Our CY22 KPI is 0.0148, a 17% overall reduction.

FRED St aims to achieve further reductions by actioning the following emissions reduction plan.

Due Date	Emission Source	Emission reduction measure	Scope	Status	Estimated Reduction t CO ₂ -e pa
30 June 2023	General	Creating sustainability and purchasing policies to formally preference certified carbon neutral products and services. Where suitable carbon neutral company, products or services are not available, we aim to use those that have environmental policies and procedures in place or carry other environmental credentials.	2 & 3	In Progress	Not quantifiable at this time
30 June 2023	Paper	Transition to purchasing certified carbon neutral paper for the office	3	In Progress	0.0085
31 December 2023	Waste	Conduct waste assessment and improve recycling rates. Estimate 50% improvement	3	Planned	0.5700
2024	Travel	Aim to reduce our travel emissions by 5% by... Route planning to reduce fuel usage for business travel When we must travel by air, offsetting all flights through Climate Active certified programs	3	Planned	0.222
2027	Fuel	Reducing employee commute emissions by encouraging low emissions modes of transport	3	Planned	n/a

Emissions reduction actions

Emission reduction actions already in place are noted below.

Year Done	Emission Source	Emission reduction measure	Scope	Status	Reduction t CO ₂ -e pa
CY 2021	Energy	Electricity - 100% Green Power	2 & 3	Complete	2.3090

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year:	2021	10.71	11.25
Year 1:	2022	14.88	15.63

Significant changes in emissions

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Computer and technical services	2.147	4.037	Increase in ICT spend
Petrol Medium Car	3.313	3.923	Staff commute change from small to medium car

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

None

Emissions summary

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

Emission category	Sum of Total Emissions (t CO ₂ -e)
Accommodation and facilities	0.03
Cleaning and Chemicals	0.00
Construction Materials and Services	0.28
Carbon neutral products and services	0.00
Electricity	0.00
Food	0.70
ICT services and equipment	4.29
Machinery and vehicles	0.12
Office equipment & supplies	0.78
Postage, courier and freight	0.03
Professional Services	1.76
Refrigerants	0.00
Stationary energy and fuels	0.00
Transport (air)	0.00
Transport (Land and Sea)	5.81
Waste	1.09
Total	14.88

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
Mandatory 5% uplift for small organisations	0.774
Total of all uplift factors	0.774
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	15.628

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an arrears offsetting approach. The total emission to offset is 16 t CO₂-e. The total number of eligible offsets used in this report is 16. Of the total eligible offsets used, 16 were previously banked and none were newly purchased and retired. 7 are remaining and have been banked for future use.

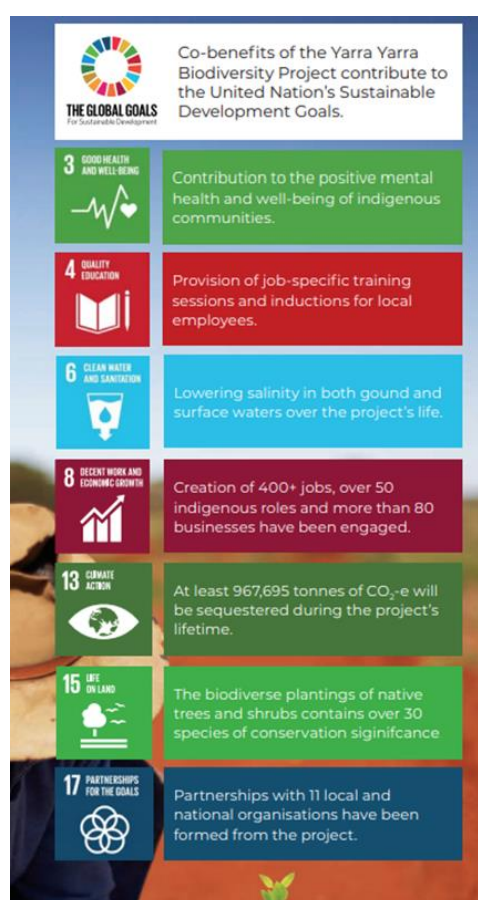
Co-benefits

The Yarra Yarra Biodiversity Corridor plantings are located in the northern wheatbelt of Southwestern Australia. The region has an exceptionally high number of plant and animal species found nowhere else in the world. It has been identified as one of 35 global biodiversity hotspots for wildlife and plants, and the first one identified in Australia.

The Yarra Yarra Corridor was once an area of vibrant woodlands. But since the arrival of Europeans in the early 1900s years ago, approximately 97% of the vegetation has been cleared for traditional farming practices. Now, due to problem soils and a drying climate, parts of the landscape are not suitable for traditional agriculture. The loss of habitat has also caused native species to be under threat.

The *Yarra Yarra Biodiversity Corridor* project brings sustainable development benefits other than just ultimately sequestering carbon. These include:

- Supporting regional communities by injected more than \$8 million into the local community (and 140 local businesses).
- Generation of new jobs for tree plantings, seed collection and integrated agricultural activities.
- Casual employment for 200+ people, including local indigenous people.
- Creation of an Australian Sandalwood integrated carbon industry in rural Australia.
- Preserving and registering (five sites) on the Department of Indigenous Affairs Registry aboriginal heritage sites discovered through conducting archaeological survey on properties.
- Baseline biodiversity surveys conducted by ecological scientists have discovered an amazing diversity of plant and animal species.
- Creation of wildlife habitats and the reintroduction of plant and animals, including over 30 species of conservation-significant native plants, 13 conservation-significant bird species and 100s of insect species.
- Combatting desertification by protecting and stabilising the ground with vegetation, which reduces soil salinity and erosion by wind and water.



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 (%)
Australian Native Reforestation1 Yarra Yarra Biodiversity Corridor*, Western Australia	Biodiverse Reforestation Carbon Offsets	Internal	29 September 2022	12PWA312191B - 12PWA312225B		35	-	-	-	-	-
Stapled to IN-4463 Metro Delhi Project, India	CDM-CER	ANREU		239,744,518 - 239,744,552	CP2 2014-2016	35	16	12	7	16	100%
Total eligible offsets retired and used for this report										16	
Total eligible offsets retired this report and banked for use in future reports									7		
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total				
Certified Emissions Reductions (CERs)		16					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	None
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* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Total LGCs surrendered this report and used in this report									

- ANREU Home
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- Public Reports
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Logged in as: Georgiana Rogers / Industry User

Transaction Details

Transaction details appear below.

Transaction Successfully Approved

Transaction ID	AU24101
Current Status	Sending (91)
Status Date	29/09/2022 11:48:16 (AEST) 29/09/2022 01:48:16 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Wilson, Raymond Glen
Transaction Approver	Rogers, Georgiana S A
Comment	Surrendered on behalf of Fred St Pty Ltd to support its carbon neutral claim against the Climate Active Carbon Neutral Standard CY2021 and future years.

Transferring Account

Account Number	AU-2545
Account Name	Carbon Neutral Pty Ltd
Account Holder	Carbon Neutral Pty Ltd

Acquiring Account

Account Number	AU-2764
Account Name	Voluntary Cancellation – CP2
Account Holder	Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
IN	CER	Kyoto Voluntary Cancellation	2	2					IN-4463			239,744,518 - 239,744,552	35



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	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	3,435	0	100%
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)	640	0	19%

Residual Electricity	-640	-611	0%
Total renewable electricity (grid + non grid)	4,075	0	119%
Total grid electricity	3,435	0	119%
Total electricity (grid + non grid)	3,435	0	119%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	-640	-611	
Scope 2	-565	-540	
Scope 3 (includes T&D emissions from consumption under operational control)	-75	-71	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	118.64%
Mandatory	18.64%
Voluntary	100.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO2-e)	-0.54
Residual scope 3 emissions (t CO2-e)	-0.07
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.00
Total emissions liability (t CO2-e)	0.00
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	

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 CO2-e)	Scope 3 Emissions (kg CO2-e)	(kWh)	Scope 3 Emissions (kg CO2-e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	3,435	3,435	2,508	515	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)	3,435	3,435	2,508	515	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	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)	0	0	0	0		
Total electricity (grid + non grid)	3,435					

Residual scope 2 emissions (t CO2-e)	2.51
Residual scope 3 emissions (t CO2-e)	0.52
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	2.51
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.52
Total emissions liability (t CO2-e)	3.02

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
Water	Immaterial

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
None	Y / N	Y / N	Y / N	Y / N	Y / N	<p>Size: e.g., The emissions source is likely to be between X and Y t-CO₂-e, which is not large compared to the total emissions from electricity, stationary energy and fuel emissions (Z t-CO₂-e).</p> <p>Influence: e.g., We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our business.</p> <p>Risk: e.g., 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: e.g., Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: e.g., We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>
None	Y / N	Y / N	Y / N	Y / N	Y / N	<p>Size:</p> <p>Influence:</p> <p>Risk:</p> <p>Stakeholders:</p> <p>Outsourcing</p>



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