

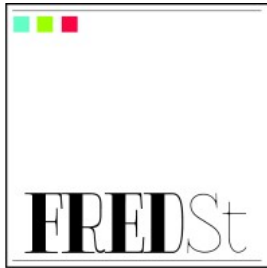


PUBLIC DISCLOSURE STATEMENT

FRED ST PTY LTD

**ORGANISATION CERTIFICATION
CY 2021**

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 2021 to 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><i>Tessa Leggo</i></p>
	<p>Tessa Leggo Director 4/10/2022</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	12 tCO ₂ -e
OFFSETS BOUGHT	100% CERs
RENEWABLE ELECTRICITY	100% Renewable energy
TECHNICAL ASSESSMENT	Not applicable
THIRD PARTY VALIDATION	Type 1 Data Validation Tardrew Partners 2 nd August 2022

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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.

“Becoming carbon neutral certified is a proactive step FRED St has taken to demonstrate our commitment to sustainable environmental outcomes for our industry, partners and the land on which we work.”

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary. Emission sources can be excluded if they do not occur.

Inside the emissions boundary

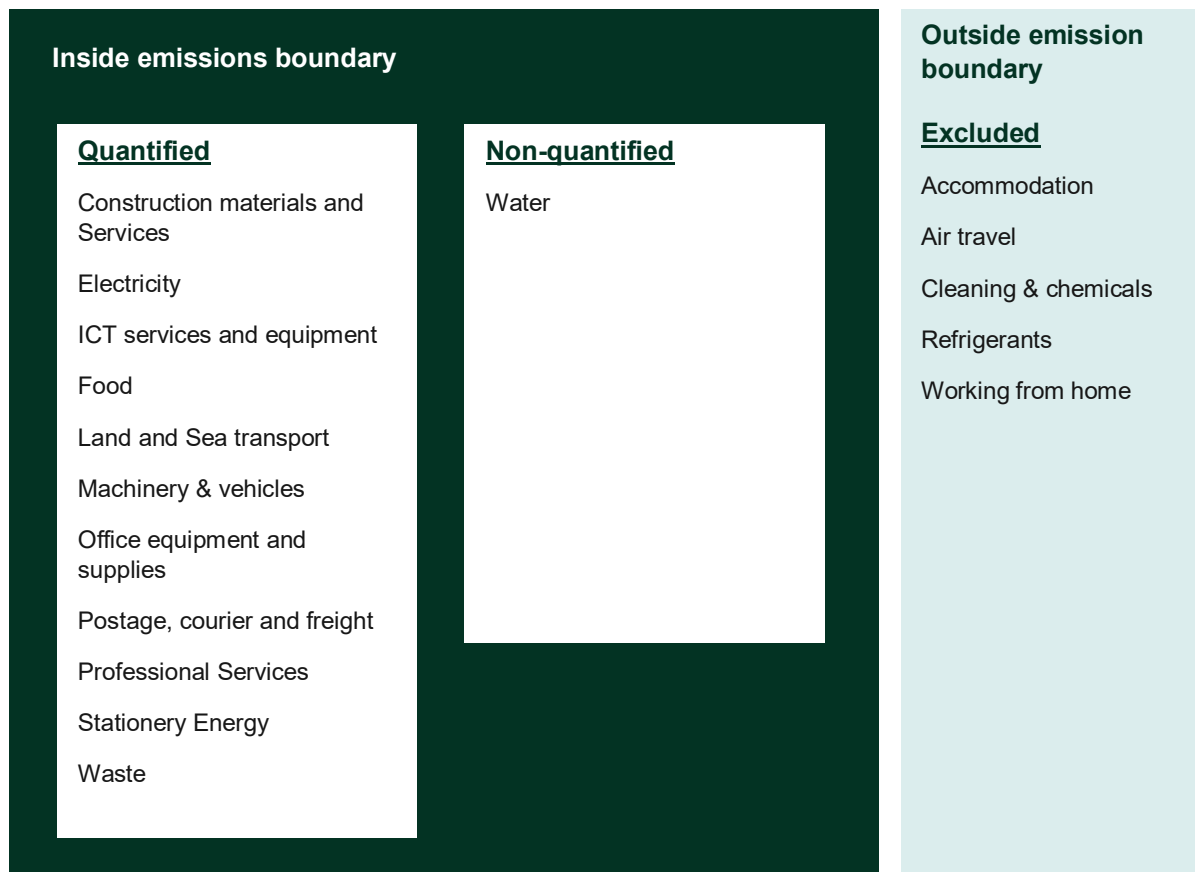
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

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, are outside of the scope of the certification or for this small organisation did not occur in this period. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.



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

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 KPI is 0.0178 t CO₂-e per \$1000 turnover.

FRED St aims to achieve this 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
30 June 2023	Paper	Transition to purchasing certified carbon neutral paper for the office	3	Planned	0.0085
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

Use of Climate Active carbon neutral products and services

Fred St does not currently use any certified carbon neutral products

Certified brand name	Product or Service used
N/A	

Organisation emissions summary

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

Emissions Source	Sum of Total Emissions (TCO2e)
Construction Materials and Services	0.06
Electricity	0.00
Food	0.54
ICT services and equipment	2.30
Machinery and vehicles	0.18
Office equipment & supplies	0.37
Postage, courier and freight	0.04
Professional Services	1.64
Transport (Land and Sea)	4.44
Waste	1.14
Emissions Total	10.71

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't 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
Compulsory additional 5% of the total to be added for small organisations	0.540
Total of all uplift factors	
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	11.25

6. CARBON OFFSETS

Offsets retirement approach

In arrears

1. Total emissions footprint to offset for this report	12 tonnes
2. Total eligible offsets purchased and retired for this report	35 tonnes
3. Total eligible offsets banked to use toward next year's report	23 tonnes

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.

THE GLOBAL GOALS
For Sustainable Development

Co-benefits of the Yarra Yarra Biodiversity Project contribute to the United Nation's Sustainable Development Goals.

3 GOOD HEALTH AND WELL-BEING	Contribution to the positive mental health and well-being of indigenous communities.
4 QUALITY EDUCATION	Provision of job-specific training sessions and inductions for local employees.
6 CLEAN WATER AND SANITATION	Lowering salinity in both ground and surface waters over the project's life.
8 DECENT WORK AND ECONOMIC GROWTH	Creation of 400+ jobs, over 50 indigenous roles and more than 80 businesses have been engaged.
13 CLIMATE ACTION	At least 967,695 tonnes of CO ₂ -e will be sequestered during the project's lifetime.
15 LIFE ON LAND	The biodiverse plantings of native trees and shrubs contains over 30 species of conservation significance.
17 PARTNERSHIPS FOR THE GOALS	Partnerships with 11 local and national organisations have been formed from the project.

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 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	CP2	35	-	-	-	-	-
Stapled to IN-4463 Metro Delhi Project, India	CDM-CER	ANREU	29 September 2022	239,744,518 - 239,744,552		35	0	23	12	100%	
Total offsets retired this report and used in this report										12	
Total offsets retired this report and banked for future reports										23	

* Australian Native Reforestation Yarra Yarra Biodiversity Project are not Eligible Offset Units under Climate Active so have been stapled with an equal number of Eligible Units. ANREU Registry does not generate a URL link – screenshot of the retirement and registry on next page.

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	12	100



Australian National Registry of Emissions Units

Logged in as: Georgiana Rogers / Industry User

- ANREU Home
- Account Holders
- Accounts
- Unit Position Summary
- Projects
- Transaction Log
- CER Notifications
- Public Reports
- My Profile

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



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)*	
2. Other RECs	

* 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	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
Total LGCs surrendered this report and used in this report									

APPENDIX A: ADDITIONAL INFORMATION

None

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a Market based approach

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.

Market Based Approach Summary			
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	2,851	0	100%
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)	529	0	19%
Residual Electricity	-529	-526	-19%
Total grid electricity	2,851	-526	100%
Total Electricity Consumed (grid + non grid)	2,851	-526	119%
Electricity renewables	3,380	0	
Residual Electricity	-529	-526	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		0	
<i>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</i>			
Total renewables (grid and non-grid)	118.54%		
Mandatory	18.54%		
Voluntary	100.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	0		
<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)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	2,851	2,281	342
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	2,851	2,281	342
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	2,851	2,281	342
Emission Footprint (TCO2e)	3		
<i>Scope 2 Emissions (TCO2e)</i>	2		
<i>Scope 3 Emissions (TCO2e)</i>	0		

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
N/A	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product 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. 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Water	Yes	No	No	No

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:

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.

Although the emission sources below are deemed a relevant emission under the small organisation certification, we do not use these sources and as such they have been excluded from the PDS and carbon inventory.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Accommodation	No	No	No	No	No	No
Air travel	No	No	No	No	No	No
Cleaning & chemicals	No	No	No	No	No	No
Refrigerants	No	No	No	No	No	No
Working from home	No	No	No	No	No	No



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