

PUBLIC DISCLOSURE STATEMENT

TRELLIS TECHNOLOGIES PTY LTD

ORGANISATION CERTIFICATION CY2021

Australian Government

Climate Active Public Disclosure Statement





An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Trellis Technologies Pty Ltd
REPORTING PERIOD	1 January 2021 – 31 December 2021 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.
	Matt Shorten Co-founder and CEO 16 August 2022



Australian Government

Department of Industry, Science, Energy and Resources

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Version September 2021. To be used for FY20/21 reporting onwards.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	22 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	-
TECHNICAL ASSESSMENT	Date: 22/06/2022 Name: Grant Westphalen Organisation: Trellis Technologies Pty Ltd Next technical assessment due: 30/04/2025
THIRD PARTY VALIDATION	Type 1 Date 22/06/2022 Name: Alexander Stathakis Organisation: Conversio Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

Trellis Technologies Pty Ltd (ABN 15 123 897 012) is certified carbon neutral for its Australian business operations.

Organisation description

Trellis Technologies Pty Ltd (ABN 15 123 897 012), is based at Lot Fourteen in Adelaide delivering market leading software and data as a service, which speeds up the Environmental, Social and Governance and Net Zero journey for our business, government and not-for-profit customers.

Trellis Technologies is a tenant of Stone & Chalk, based in their Adelaide facility, the Mirnani Apinthi Building at Lot 14. Stone & Chalk has been certified as a carbon neutral organization since FY2020 and therefore relevant emission sources (such as electricity, stationary energy, water, waste, etc.) and related emissions are already offset (see <u>https://www.climateactive.org.au/buy-climate-</u> <u>active/certified-members/stone-chalk</u>, accessed August 2022). Technologies, Climate Active provides a framework for us to internalise the true cost of delivering our day-to-day business. It provides Trellis, our customers and stakeholders with confidence and transparency in our claim of carbon neutrality."

"For Trellis



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 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.





Data management plan for non-quantified sources

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

HVAC gas leakage from large scale air-conditioner systems has been requested but not obtained from building management.

As part of future assessments, further engagement will be pursued with the intention of making this information a requirement for leasing agreements.

An additional uplift of 1% of total emissions has been included in the emissions estimate to encompass this source.



4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Trellis Technologies is an Adelaide-based client of Stone & Chalk (Stone and Chalk Ltd, ABN 29 603 489 229), which is an innovation and technical services support company that works to assist the growth and development of emerging tech sector start-ups.

Stone & Chalk has been registered as carbon neutral since FY2020 and consequently, all emissions related to utilities (electricity, natural gas, water and waste management) as well as business support (IT, office equipment and supplies, cleaning services, etc.) have been managed via our hosts. The scope for emissions reduction is therefore limited, but there are areas wherein Trellis Technologies will aim to reduce emissions over the next five years (using CY2021 as the baseline year), including (but not limited to):

• Greater use of remote meeting options in lieu of business travel.

One of the major learnings from the Covid pandemic has been an increased uptake and support for online meeting options. There is an expectation that there will be substantially lower business-related travel even once travel restrictions are eased.

Timeframe for delivery of this objective: immediate and ongoing.

Where flights are undertaken, offsetting the related emissions as part of ticket purchases can be
instigated as part of business policy as well as engagement with travel providers. However, key
to this approach is unambiguous data indicating that offset tickets have been purchased. This
requires both a behavioural change as well as the capacity to require and store the information,
most probably as relatable line items in the relevant finance systems (i.e., the data for a ticket
purchase can be related to the additional fee for offsetting).

Timeframe for delivery of this objective: 1 - 2 years.



5. EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

Carbon neutral paper (Reflex brand) is used across the Adelaide hubs wherein Trellis Technologies is based.

Organisation 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 (tCO ₂ -e)
Accommodation and facilities	0.11
Bespoke	0.00
Cleaning and chemicals	0.00
Climate Active Carbon Neutral Products and Services	0.00
Electricity	0.00
Food	8.08
ICT services and equipment	3.08
Office equipment & supplies	0.45
Postage, courier and freight	0.03
Stationary Energy (gaseous fuels)	0.00
Stationary Energy (liquid fuels)	0.00
Transport (Air)	1.07
Transport (Land and Sea)	7.1
Waste	0.00
Water	0.00
Working from home	-0.05
Total	19.90

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
There are no data available HVAC gasses. An additional 1% uplift has been applied to account for this lack.	0.2
Compulsory additional 5% of the total to be added for small organisations.	0.99
Total footprint to offset (uplift factors + net emissions)	21.09



6.CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arr	Offset purchasing strategy: In arrears						
Total offsets previously forward purchased and banked for this report	0 tCO ₂ -e						
Total emissions liability to offset for this report	22 tCO ₂ -e						
Net offset balance for this reporting period	22 tCO ₂ -e						
Total offsets to be forward purchased to offset the next reporting period	0 tCO ₂ -e						
Total offsets required for this report	22 tCO ₂ -e						

Co-benefits

NA



Offsets summary

Proof of cancellation of offset units

Offsets cancelled for Climate Active Carbon Neutral Certification												
Project descriptio n	Type of offset units	Registr y	Date retire d	Serial number (a	nd hyperlink to regist	try transaction record)	Vintag e	Eligible quantit y (tCO ₂ - e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reportin g period claim	Percentage of total (%)
Biomass Based Co generatio n Project in Paper Mill at Village Rupana, Punjab, India	VCU	Verra	23 May 2022	4180-17690724 01012014-3112 https://registry.v 7936	14-176907265-VCU-(22014-0 /erra.org/myModule/i	050-APX-IN-1-1387- <u> 'rpt/myrpt.asp?r=206&h=1</u>	2014	22	0	0	22	100
Total offs	ets retir	red this re	eport an	nd used in this	report						22	
Total offs	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 Ca	arbon U	nits (VCU	s)		22			100				



7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

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

1.	Large-scale Generation certificates (LGCs)*	0
2.	Other RECs	0

* 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
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
				Total LGCs surrendered this report and used in this report					



APPENDIX A: ADDITIONAL INFORMATION

NA



APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach using the Stone and Chalk CY 2021 Climate Active Assessment.

Climate Active carbon neutral electricity summary							
Carbon neutral electricity offset by Climate Active	Activity data	Emissions					
Organisation	(kWh)	(kgCO ₂ -e)					
Stone and Chalk Carbon Neutral Assessment CY2021	9,598	0					
Climate Active carbon neutral electricity is not considered renewa	able electricity. Th	e emissions					
have been offset by another Climate Active carbon neutral organ	isation certification	n.					



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 <u>one</u> 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
HVAC Gasses	No	No	Yes	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. <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.
- <u>Risk</u> The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
- 4. **<u>Stakeholders</u>** Key stakeholders deem the emissions from a particular source are relevant.
- <u>Outsourcing</u> 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.



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Stone & Chalk has been registered as carbon neutral since FY2020 and consequently, all emissions related to the following have been managed via our hosts:

- Host electricity
- Host natural gas
- Host stationary fuel
- Host IT and telecommunications
- Host Postage and freight
- Host cleaning services
- Host waste
- Host water

Note that Trellis Technologies portion of the activity data related to utilities and business support has been included within the inventory.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Host electricity	No	No	No	No	No	No
Host natural gas	No	No	No	No	No	No
Host stationary fuel	No	No	No	No	No	No
Host IT and telecommunications	No	No	No	No	No	No
Host Postage and freight	No	No	No	No	No	No
Host cleaning services	No	No	No	No	No	No
Host waste	No	No	No	No	No	No
Host water	No	No	No	No	No	No





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