



PUBLIC DISCLOSURE STATEMENT


STONE & CHALK LIMITED

ORGANISATION CERTIFICATION

FY2021–22

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	STONE & CHALK LIMITED
REPORTING PERIOD	1 July 2021 – 30 June 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>Mike Horton Operations Manager – Stone & Chalk Adelaide 28/10/2022</p>



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

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1,277 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	19.04%
TECHNICAL ASSESSMENT	Date: 16/11/2021 Name: Grant Westphalen Organisation: Trellis Technologies Pty Ltd Next technical assessment due: 31/10/2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Australian business operations of the Stone & Chalk Group.

Organisation description

The Stone & Chalk Group (Stone and Chalk Ltd, ABN 29 603 489 229) supports and works with startups, scaleups, corporations, the government and the wider ecosystem (including experts, investors, mentors and universities), to drive emerging tech innovation for positive impact. Since 2014, it has grown to be the largest dedicated start-up and scaleup innovation community in Australia with management hubs in Sydney, Melbourne and Adelaide. In FY2021, Stone & Chalk merged with AustCyber to pursue the common purpose of growing high impact Australian companies in critical and emerging technologies, expanding the community reach to Canberra and several smaller nodes.

Stone & Chalk hosts a broad range of residents (e.g. Startups) that comprise independent business entities within its facilities.

Consequently, the emissions assessment includes those sources for which Stone & Chalk has overarching responsibility of engagement with suppliers but does not seek to include activities that can be attributed to resident activity outside S&C facilities as these are considered outside of operational control. For example, the Stone & Chalk electricity assessment includes all spaces under their management, including usage by residents, whereas business travel only includes trips directly related to Stone & Chalk staff.

“Stone & Chalk recognises that many of our startups are working to address the issue of climate change, so we are proud to be reducing our impact by going carbon neutral with Climate Active.”

3.EMISSIONS BOUNDARY

Inside the emissions boundary

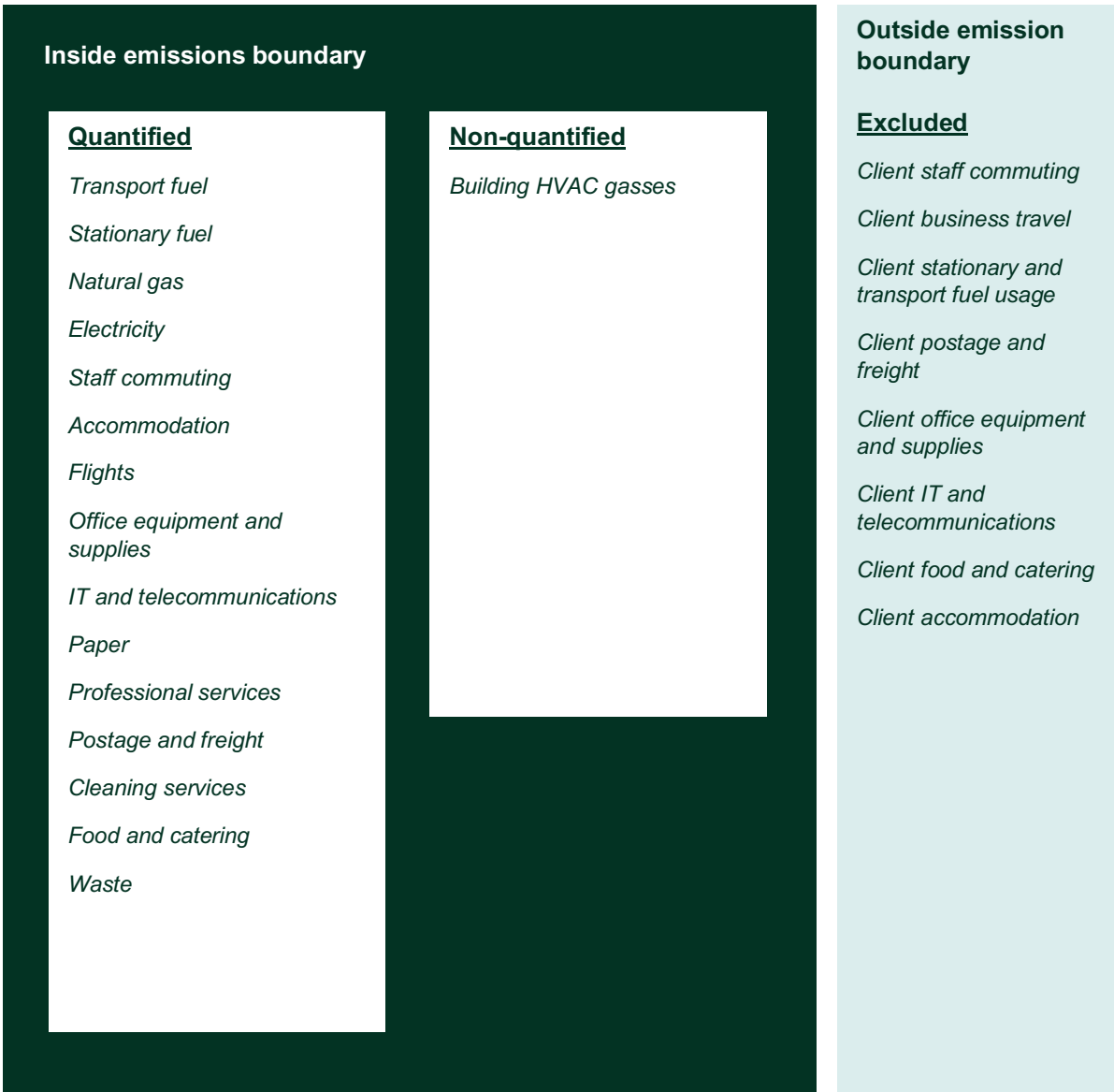
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

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 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 managements.

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

Our mission is to transform Australia into a **sustainable** technology-driven economy. The Stone & Chalk Group will aim to reduce emissions across a variety of areas, including (but not limited to) the below 4 key objectives, and 4 secondary (but still relevant) targets.

Primary Objectives

Improved data quality for tenancy related utilities.

Accepting that utilities data (specifically, electricity, natural gas and water consumption) can be difficult to obtain by lease holders, Stone & Chalk will engage with its building managers/landlords to improve data acquisition for emissions management as part of tenancy agreements. Improved data quality will likely result in a lower emissions assessment as where information is not made available by landlords, conservative assessments are applied. Success in this objective will significantly improve the resident certification pipeline process outlined below.

Timeframe for delivery of this objective: 1 - 4 years.

The Stone & Chalk Group will seek to reduce electricity consumption by staff and stakeholders working from our business hubs, as this is our single largest source of emissions.

We will achieve this by working towards multiple goals:

- Working with Building Managers to adjust and tighten lighting and air conditioning schedules to reduce energy consumption.
- Behavioural influences, such as powering off devices when not in use instead of leaving them idle. This will be implemented using an education strategy with general nudges and reminders to reduce energy consumption through changes in behaviour. We will also seek to impart this from day one during resident and employee onboarding processes, encouraging wherever viable to recognise energy use and reduce wherever possible.
- Where financially viable, switching to renewable energy retailers for our locations.

Timeframe for delivery of this objective: 1 - 2 years to have onboarding materials and reduction playbook in place.

Increase the number of Stone & Chalk Group Residents that hold Carbon Neutral Certification.

The Stone & Chalk Group client engagement strategy will aim to encourage stakeholders to pursue carbon neutral certification by bringing sustainability concerns to front of mind.

With us setting a standard, our stakeholders and suppliers will be more inclined to follow our example. In the case of our tenants, our certification covers a lot of their carbon generating activities already (for example, electricity use while working from our hubs), meaning that they only need to offset their offsite activities to attain a certification. We aim to work with our certification consultant to set up a streamlined

pipeline process for our Residents to work through the carbon neutral certification process.

Timeframe for delivery of this objective: 1 - 2 years for resident certification pipeline with certification consultant to be implemented.

Set up offsets on the emissions generated on interstate and overseas travel undertaken by the Stone & Chalk Group while carrying out business activities directly with our travel provider.

Some interstate and overseas travel is required by the Stone & Chalk Group while carrying out our business activities. We are investigating offsetting the related emissions as part of ticket purchases by our travel booking service provider - Corporate Traveller, instead of quantifying and offsetting emissions from flights using end-customer metrics after the fact.

Timeframe for delivery of this objective: 1 - 2 years depending on implementation of the system by Corporate Traveller.

Secondary Goals

Create an ongoing annual catalogue of events that spotlight Climate change including one major climate related event each year.

Specifically promote and deliver events within our hubs that shine a spotlight on the climate change issue to both influence audiences and provide a platform for key startups, scaleups and innovators dealing with climate change.

We hope to leverage our existing partnerships in the Climate Change advocacy space, such as hosting Carbon Neutral Adelaide events within our hub

Timeframe for delivery - 1 year

The Stone & Chalk Group will empower team members to deliver learning sessions and pro-tips to staff and customers in order to educate them on how to reduce their personal carbon footprint and raise awareness in the work environment as well as in their personal life.

This can be as simple as quick shout-outs at community events, messaging around physical hubs and on online platforms, through to providing a platform for community driven activities, for example a volunteer driven lunch-and-learn on how to set up a home composting system.

Timeframe for delivery - 1-2 years

Increase employee participation in climate action related volunteer projects.

The Stone & Chalk Group has implemented a paid volunteering program where employees can elect to spend 2 paid working days volunteering for a charitable organisation or activity. Employees can use this opportunity to work with/for a climate action organisation or on an activity which positively impacts the local environment; for example, tree planting.

Timeframe for delivery - 2 years

Create a uniform process for each listed waste stream with our facilities.

The Stone & Chalk Group will review existing waste management systems and seek to implement a uniform solution which considers all waste streams. Each hub is to have a solution for General Waste, Recycling, Organic Waste, Paper/Cardboard, as well as Soft Plastics and E-waste/Expired Battery recycling solutions. Where possible, waste service providers will be specifically required to provide data on collections, such as weight.

Timeframe for delivery - 1-2 years

Emissions reduction actions

The Stone & Chalk group has successfully implemented a hybrid events model, where participants and speakers can attend events virtually in addition to physical attendees. This has reduced the need for attendees to travel (in some cases, fly) to speak at or watch our events.

The Stone & Chalk Group has readily adopted the move to hybrid and remote working arrangements, with many team members opting to work at home for some or all their working week reducing the commuting carbon footprint of the business. Where possible, meetings are conducted virtually to reduce the need to travel.

Stone & Chalk has maintained engagement as a partner with Carbon Neutral Adelaide, which aims to make the City of Adelaide a carbon neutral city.

Stone and Chalk is engaged with Trellis Technologies (yourtrellis.com) as a partner for attaining this certification.

Stone and Chalk has also partnered with Marli Technology Solutions (marli.io) as a carbon credit provider using blockchain technology.

5. EMISSIONS SUMMARY

Emissions over time

Note that Stone and Chalk's initial assessment was 2019-20 but the base year has been reset to 2020-21 owing to the merger with AustCyber.

Emissions since base year		Total tCO ₂ -e
Base year:	2020–21	1,265.7
Year 1:	2020–21	1,265.7
Year 2:	2021–22	1,276.7

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Total net electricity emissions (Market based)	779.6	847.2	Increased use of actual versus estimated data in previous years as well as increased activity with reduced COVID restrictions
Computer and technical services	37.5	107.2	Spike in computer purchases as a result of COVID has eased

Use of Climate Active carbon neutral products and services

NA

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 Scope 1 (tCO ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0.00	0.00	19.53	19.53
Cleaning and Chemicals	0.00	0.00	12.83	12.83
Electricity	0.00	779.60	0.00	779.60
Food	0.00	0.00	38.41	38.41
ICT services and equipment	0.00	0.00	136.69	136.69
Office equipment & supplies	0.00	0.00	61.79	61.79
Postage, courier and freight	0.00	0.00	0.73	0.73
Professional Services	0.00	0.00	70.23	70.23
Stationary Energy (gaseous fuels)	17.61	0.00	4.19	21.80
Transport (Air)	0.00	0.00	40.36	40.36
Transport (Land and Sea)	0.00	0.00	33.70	33.70
Waste	0.00	0.00	23.45	23.45
Water	0.00	0.00	5.45	5.45
Working from home	0.00	0.00	1.95	1.95
Grand Total	17.61	779.60	449.33	1,246.53

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	12.46
Stone and Chalk has 15 FTEs that operate in "independent nodes" (i.e., rented desk spaces within broader office environments wherein there is limited operational control). Emissions related to this source have been allocated based on the total emissions per FTE + residents across quantified locations.	17.68
Total of all uplift factors	30.14
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	1,276.68

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	1,277
3. Total eligible offsets required for this report	1,277
4. Total eligible offsets purchased and retired for this report	1,277
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

The Envira Amazonia Project is a VCS and CCBS designed REDD+ project in the State of Acre, Brazil which aims to protect up to 200,000 hectares of tropical rainforest. Furthermore, the Envira Amazonia Project will simultaneously preserve rich biodiversity and a wide range of ecosystem services, provide direct benefits to local communities, and mitigate the release of ~12.6 million metric tonnes of carbon dioxide emissions over the first 10 years of the Project.

Verified Carbon Offset

Project: VIÑALES BIOMASS POWER PLANT - 1186

Co-benefits: By transforming a waste product into a means of co-generating renewable heat and power, the biomass facility is reducing waste and benefiting the entire community.

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 (%)	
Biomass Based Co generation Project in Paper Mill at Village Rupana, Punjab, India	VCU	Verra	27 Oct 2022	4180-176907267-176907293-VCU-050-APX-IN-1-1387-01012014-31122014-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=170114	2014	0	27	0	0	27	2 %	
Viñales biomass power plant	VCU	Verra	27 Oct 2022	6843-352224092-352225241-VCU-034-MER-CL-1-1186-01012016-31122016-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=167271	2016	0	1150	0	0	1150	90%	
The Envira Amazonia Project - A Tropical Forest Conservation Project in Acre, Brazil	VCU	Verra	27 Oct 2022	11177-299590249-299590348-VCS-VCU-352-VER-BR-14-1382-02082012-31122013-1 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=171610	2012-2013	0	100	0	0	100	8%	
Total offsets retired this report and used in this report										1,277		
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 Carbon Units (VCUs)	1,277	100

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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	475	0	0%
Jurisdictional renewables (LGCs retired)	3,868	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	883	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	179,031	0	18%
Residual Electricity	783,545	779,599	0%
Total grid electricity	967,802	779,599	19%
Total Electricity Consumed (grid + non grid)	967,802	779,599	19%
Electricity renewables	184,257	0	
Residual Electricity	783,545	779,599	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		779,599	
Total renewables (grid and non-grid)	19.04%		
Mandatory	18.99%		
Voluntary	0.05%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	780		
<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	4,751	3,706	333
NSW	425,868	332,177	29,811
SA	146,969	44,091	10,288
Vic	390,214	355,095	39,021
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	967,802	735,069	79,453
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	967,802	735,069	79,453
Emission Footprint (TCO2e)	815		
<i>Scope 2 Emissions (TCO2e)</i>	735		
<i>Scope 3 Emissions (TCO2e)</i>	79		

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
NA	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. 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 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 (uplift applied & data plan in place)	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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Client staff commuting	No	No	No	No	No	No
Client business travel	No	No	No	No	No	No
Client stationary and transport fuel	No	No	No	No	No	No
Client postage and freight	No	No	No	No	No	No
Client office equipment and supplies	No	No	No	No	No	No
Client IT and telecommunications	No	No	No	No	No	No
Client food and catering	No	No	No	No	No	No
Client accommodation	No	No	No	No	No	No



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