



PUBLIC DISCLOSURE STATEMENT

SEISMA


ORGANISATION CERTIFICATION

CY2021 (TRUE-UP)

CY2022 (PROJECTED)

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Seisma Pty Ltd
REPORTING PERIOD	Calendar year 1 January 2021 – 31 December 2021 [True-up] and Calendar year 1 January 2022 – 31 December 2022 [Projected]
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>Heath Caban Chief Operating Officer 18/08/2022</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	245 tCO₂-e [CY21 true up of -93 tCO ₂ -e (offset surplus) + CY22 projected of 245 tCO ₂ -e]
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	18.54%
TECHNICAL ASSESSMENT	02/06/2022 Caoilinn Murphy Point Advisory Next technical assessment due: November 2024
THIRD PARTY VALIDATION	Type 1 24/06/2022 Adina Cirtog Pangolin

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2. CARBON NEUTRAL INFORMATION

Description of certification

Seisma's Climate Active carbon neutral certification relates to their business operations across Australia. This report is both a true up for CY2021 and a projected report for CY2022. This includes office activities and remote working undertaken by just over 270 employees across Australia. Operations in New Zealand undertaken by approximately 7 employees are not a part of this certification report.

Organisation description

Seisma (ABN 43 108 575 604) is an experienced and passionate IT Professional Services company. We are proudly 100% Australian owned and support the Australian economy through returns to our superannuation fund investors.

We work with businesses on their journey to deliver outcomes and build technological capabilities that enable better business outcomes.

We believe we must be good and do good, and we are committed to initiatives that protect our planet and people. Our commitment to carbon neutrality and Climate Active certification is the first step on our journey to make an environmental difference in a meaningful way, and continuous improvement is required if we want to contribute to long-term sustainable growth.

During the second half of 2021, Seisma acquired two companies, Smartapps (ABN 86 118 725 081) and Braestone (ABN 77 002 027 492). Smartapps main office is in Victoria with a small group of employees in New Zealand while the Braestone team are based in WA.

“Achieving Climate Active certification is a reflection of our ongoing commitment to ESG leadership. Demonstrating responsible citizenship helps us attract like-minded employees committed to supporting our net zero targets and positive climate action.”

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.

Inside emissions boundary		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Electricity in leased office Upstream production of fuel and energy IT equipment Paper consumption Seisma's share of base building services Waste and water Business travel including flights, accommodation and taxis Employee commuting and working from home 	<p><u>Non-quantified</u></p> <p>n/a</p>	<p><u>Excluded</u></p> <ul style="list-style-type: none"> Business services (e.g., accounting, legal, etc.) Postage, freight and courier services Telephone and internet Site workers at client locations
	<p><u>Optionally included</u></p> <p>n/a</p>	

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

This report includes Seisma's true-up of CY2021 emissions as well as its projected CY2022 emissions and is the organisation's second year of certification.

Seisma completed its first certification in November 2021 just six months ago. Seisma has used this period to focus on the development of emissions reduction targets and will provide a more thorough update of progress against its emissions reduction actions in the following certification. Note that Seisma intends to switch from calendar year projected reporting to financial year retrospective reporting.

In 2021 Seisma set a goal to understand its carbon footprint, report on it and offset its immediate climate change impact. Seisma sees this as a minimum obligation at the beginning of an organisation's climate change action journey. At this time Seisma also committed to setting emission reduction targets as part of its next Climate Active certification. Seisma is pleased to announce its first climate change target:

Seisma is committed to reducing its total scope 1 and 2 emissions by 42% by 2030 which is aligned with the science based targets 1.5-degree absolute contraction method

Seisma is currently developing scope 3 targets that will address work from home emissions, and a target that works towards reducing the emissions per Seisma employee. Our aim is to continue to reduce Seisma's emissions intensity as the organisation grows.

Emissions reduction actions

To support the achievement of Seisma's reduction targets, emission reduction actions addressing three significant contributors to Seisma's footprint – electricity consumption, energy efficiency, and business flights – were identified.

The following actions will be rolled out progressively across the business. A progress update on each is given below.

Emissions reduction action	Progress
1. Source 100% renewable electricity in our offices by 2025.	In Progress. In July 2022, Seisma are relocating both Melbourne offices to one new location. Green Energy will be sourced for our tenancy.
2. Commitment to improving energy efficiency across the business through: <ul style="list-style-type: none">• Ensuring any new office rentals have high NABERS base building ratings.• Transitioning to energy-efficient products in our offices (e.g. lights, white goods, computer monitors, etc.)• Turning all office screens and lights off overnight.• Undertaking behaviour campaigns to educate employees about reducing energy use in the office and when working from home.	In Progress. In CY2021 Seisma continued to investigate opportunities for energy efficiency improvements. In particular over the past 6 months Seisma have researched new tenancies and opportunities to reduce emissions from base building operations for Seisma's head office move in July. Similar considerations will be made for offices located in other states. We continue to work internally on the management of lighting, selection of white goods, computer monitors and printer/copier for optimum energy efficiency. .

<p>3. Focusing on purchasing sustainably produced and responsibly sourced items.</p>	<p>In Progress. Any staff and client gifts are purchased, packed and delivered with impact in mind.</p>
<p>4. Encouraging staff to car-pool when travelling for business engagements.</p>	<p>In Progress. Business events and on site meetings have resumed post COVID. Our Travel Plan reminds our team to consider the environmental impact of their travel choices.</p>
<p>5. Encourage employees to replace flights with virtual meetings where possible and support this with a Travel Policy update.</p>	<p>In Progress. As Seisma grows our national footprint and growth into NZ, our Travel Policy reflects our choices to offset emissions on flights, and carefully consider the necessity of travel to ensure best practice environmental impact choices are made.</p>

5. EMISSIONS SUMMARY

Emissions over time

1) Projected emissions for reporting period	337.07 t CO ₂ -e
2) Actual emissions for reporting period	244.04 t CO ₂ -e
3) Difference	93.03 t CO ₂ -e

Significant changes in emissions

The true up conducted as part of this report showed the actual emissions result for CY2021 (244 tCO₂-e) was significantly lower than the projected emissions (338 tCO₂-e). The below table summarises the key reasons for this difference.

Emission source name	After True-up (tCO ₂ -e and/ or activity data)	Before True-up (tCO ₂ -e and/ or activity data)	Detailed reason for change
Work from home	171	284	<p>Seisma revised monthly FTE figures for the entire calendar year and adjusted the approach to data tracking for FTE so that it was consistent for the entire period and will be more robust for future reporting periods. The previous data collection method over-reported FTE numbers. Therefore, a significant reduction in emissions resulting from work from home activities is observed in this true up.</p> <p>The emissions factors for working from home are also reduced significantly between Climate Active's WFH calculator v1 and v2.2, contributing to lower emissions.</p>
Base build energy	19	27	Base building energy consumption was lower than anticipated in the first half of the reporting period, likely in part due to the impacts of Covid.

Use of Climate Active carbon neutral products and services

Seisma did not report the use of any Climate Active carbon neutral products or services for the CY21 reporting period.

Organisation emissions summary

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

The previous report was a projection report using representative data (first six months of CY21 data) to extrapolate the emissions for the full CY21 reporting year. This table shows the differences between the projected emissions for CY21 and the actual emissions for CY21 recorded.

Emission category	Projected emissions for CY21 (tCO ₂ -e)	Actual emissions for CY21 (tCO ₂ -e)
Accommodation and facilities	0.58	0.39
Air transport (km)	5.27	4.00
Electricity	33.54	25.18
ICT services and equipment	0.00	10.85
Land and Sea Transport (km)	8.79	28.09
Office equipment & supplies	0.04	0.03
Stationary energy	2.00	2.05
Waste	2.21	1.99
Water	0.27	0.51
Working from home	284.36	170.95
Total net emissions	337.07 tCO₂-e	244.04 tCO₂-e

Uplift factors

No uplift factors were used for this report. Note that 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.

6. CARBON OFFSETS

Offsets retirement approach

Offset purchasing strategy: Forward purchasing	
1. Total offsets previously forward purchased and banked for this report	338 tCO ₂ -e
2. Total emissions liability to offset for this report	245 tCO ₂ -e
3. Net offset balance for this reporting period	93 tCO ₂ -e credit
4. Total offsets to be forward purchased to offset the next reporting period	162 tCO ₂ -e
5. Total offsets required for this report	255 tCO ₂ -e

Co-benefits

This section provides a brief description of the projects from which the carbon offsets were purchased and retired for Seisma's CY2021 and CY2022 (projected) carbon neutral claim.

Katingan Peatland Restoration and Conservation Project

The largest program of its kind, it generates an average 7.5 million triple gold certified carbon credits annually; equivalent to taking 2,000,000 cars off the road each year. In partnership with local communities, Katingan utilise's carbon revenues to ensure natural forest restoration and protection, through activities aligned to the UN Sustainable Development Goals. The project protects vital peatland habitats in Central Kalimantan, Indonesia for five Critically Endangered, eight Endangered and 31 Vulnerable species. The protected area is home to between 5 - 10% of the global populations of the Bornean Orangutan, Proboscis Monkey and Southern Bornean Gibbon.

Link: <https://www.katinganproject.com/>

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 (%)
Katingan Peatland Restoration and Conservation Project (Indonesia)	VCU	Verra	12 Oct 2021	6358-302981060-302981397-VCU-016-APX-ID-14-1477-01112015-31122016-1	2015-2016	NA	338	338	93	245	100%
Katingan Peatland Restoration and Conservation Project (Indonesia)	VCU	Verra	12 Oct 2021	6358-302981398-302981559-VCU-016-APX-ID-14-1477-01112015-31122016-1	2015-2016	NA	162	0	162	0	0%
Total offsets retired this report and used in this report										245	
Total offsets retired this report and banked for future reports									255		
Type of offset units		Quantity (used for this reporting period claim)				Percentage of total					
Verified Carbon Units (VCUs)		245				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.

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 (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 & Precinct LGCs)	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)	5,764	0	19%
Residual Electricity	25,326	25,183	0%
Total grid electricity	31,090	25,183	19%
Total Electricity Consumed (grid + non grid)	31,090	25,183	19%
Electricity renewables	5,764	0	
Residual Electricity	25,326	25,183	
Exported on-site generated electricity	0	0	
Emissions (kgCO2e)		25,183	
Total renewables (grid and non-grid)	18.54%		
Mandatory	18.54%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO2e)	25		
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>			

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. Below is a summary of Seisma’s electricity emissions under the location-based method.

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	30,347	27,616	3,035
Qld	0	0	0
NT	0	0	0
WA	742	497	7
Tas	0	0	0
Grid electricity (scope 2 and 3)	31,090	28,113	3,042
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	31,090	28,113	3,042
Emission Footprint (TCO2e)	31		
<i>Scope 2 Emissions (TCO2e)</i>	28		
<i>Scope 3 Emissions (TCO2e)</i>	3		

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
n/a				

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?
Purchased goods and services: Business services	No	No	No	No	No	No
Purchased goods and services: Telephone and internet	No	No	No	No	No	No
Upstream transportation and distribution: Postage, freight and courier services	No	No	No	No	No	No
Upstream leased assets: Site workers at client locations	Yes	No	No	No	No	No
Purchased goods and services: Business services	No	No	No	No	No	No



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