



PUBLIC DISCLOSURE STATEMENT

SENTIS AUSTRALIA

ORGANISATION CERTIFICATION

FY2021–22

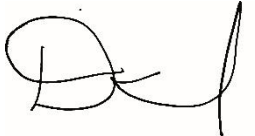
Australian Government
Climate Active
Public Disclosure Statement

sentis



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Sentis Investments Pty Ltd (trading as Sentis Australia)
REPORTING PERIOD	Financial year 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>Darren Kennedy Chief Operating Officer 20 September 20, 2023</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	400 tCO ₂ -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	18.59%
TECHNICAL ASSESSMENT	31 May 2023 Brandon Melyadi EnergyLink Services Next technical assessment due: FY2024-25
THIRD PARTY VALIDATION	Type 1 27 February 2023 Katherine Simmons KREA Consulting Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon neutral certification is for the Australian business operations of Sentis Investments Pty Ltd (trading as Sentis Australia), ABN 97 141 490 164.

Organisation description

Sentis Investments Pty Ltd, ABN 97 141 490 164, is an Australian owned Safety Consultancy business, which includes Sentis Holding Pty, Sentis Pty Ltd and Sentis Australia Pty Ltd, trading as Sentis.

Sentis is a Brisbane based business dedicated to creating sustainable organisational safety culture change. Our expertise allows us to assist individuals and organisations to improve their safety, and business performance, through the application of scientifically-based neuroscience, psychology and safety management principles.

The word Sentis originates from the Latin words Securus Mens Mentis which means safe mind. The human mind is our focus and we believe the mind is an individual's most important safety and performance tool.

Since 2003, Sentis has delivered services to more than 400 clients and 165,000 individuals in 35 countries across eight languages, in both the government and private sectors, across various industries including education, oil and gas, mining, resources, aviation, construction, utilities, agriculture, finance, manufacturing, transportation and aquaculture.

Sentis has an office in Brisbane and has an extensive network of specialists located across Australia, New Zealand and North America. Our services include assessments and diagnostics, consulting, training interventions, training transfer/embedding tools, internal capability development and coaching in the areas of Safety Culture Improvement, Safety Leadership, Critical Risk Management, Resilience and Psychological and Psychosocial Safety

The following subsidiaries / child companies are also included within this certification:

Legal entity name	ABN	ACN
Sentis Investments Pty Ltd	97 141 490 164	141 490 164
Sentis Holdings Pty Ltd	16 120 348 816	120 348 816
Sentis Pty Ltd	50 086 513 671	086 513 671
Sentis Australia Pty Ltd	70 120 643 003	120 643 003

*“Sentis is committed to supporting the community and environment we work in through our **Banyula Conservation Reserve.** Carbon Neutral Certification under Climate Active, and minimising our footprint, is an important component of this vision.”*

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"> Accommodation and facilities Cleaning and Chemicals Construction Materials and Services Electricity Food ICT services and equipment Machinery and vehicles Office equipment & supplies Postage, courier and freight Products Professional Services Stationary Energy (liquid fuels) Transport (Air) Transport (Land and Sea) Waste Water Working from home 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>Refrigerants</p>
	<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

Sentis Australia commits to a 20% reduction of emissions per staff members by 2028, from FY2021-22 base year and at least a 30% reduction per staff member by CY2033. The reduction will be achieved by engaging in the following activities:

Scope 1

- Hiring hybrid and electric vehicle for travel whenever possible.
- Supporting flexible working arrangement to reduce travel to work, encouraging carpooling, cycling an alternate means of travel to the office.

Scope 2

- Start procuring carbon neutral or GreenPower electricity for our office in Brisbane.

Scope 3

- Establishing green procurement policies, such as:
 - Using Climate Active certified businesses/organisations when acquiring products and services.
 - Utilising video conference technology to avoid travel emissions.
 - Buying recycled products to prevent waste-to-landfill.
- Opt-in for carbon neutral flights where possible.
- Promote online delivery options for our service to our clients to reduce travel where possible.
- Reducing workbook page counts by 75% to reduce paper consumption and courier emissions transporting materials to client sites.
- Managing our ICT services and equipment efficiently to reduce emissions.

5. EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

N/A

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	0	17.74	17.74
Air transport (fuel)	0	0	0	0
Air transport (km)	0	0	74.43	74.43
Cleaning and chemicals	0	0	1.17	1.17
Construction materials and services	0	0	1.53	1.53
Electricity	0	34.62	0	34.62
Food	0	0	25.58	25.58
ICT services and equipment	0	0	25.88	25.88
Land and sea transport (fuel)	4	0	0	4
Land and sea transport (km)	0	0	15.43	15.43
Machinery and vehicles	0	0	0.68	0.68
Office equipment & supplies	0	0	23.18	23.18
Postage, courier and freight	0	0	16.20	16.20
Products	0	0	0.74	0.74
Professional services	0	0	142.31	142.31
Stationary energy	0.27	0	0.02	0.29
Waste	0	0	2.59	2.59
Water	0	0	5.68	5.68
Working from home	0	0	0	7.17
Total	4.27	34.62	360.31	399.20

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

In arrears

1. Total emissions footprint to offset for this report	400
2. Total eligible offsets purchased and retired for this report	400
3. Total eligible offsets banked to use toward next year's report	0

Co-benefits

Piccaninny Plains Carbon Abatement

Piccaninny Plains is situated in the centre of Cape York Peninsula, about 500 km northwest of Cairns and 100 km south-east of Weipa. The sanctuary extends from the foothills of the McIlwraith Range to the western plains of the Gulf of Carpentaria and contains a remarkable diversity of ecosystems, ranging from rainforest to grassland to floodplains. The majority of Piccaninny Plains is covered by open woodlands and tropical grasslands which are home to well over a hundred species of birds, mammals, and mammals. The plains contain a vast network of wetlands, which support resident and migratory waterbirds, fresh and saltwater crocodiles, aquatic snakes, 26 species of frogs, freshwater crabs, 4 turtles and 30 species of fish.

This project is managed by the Australian Wildlife Conservancy (AWC) and involves strategic and planned burning in the early dry season (May - June) and, if required, fire suppression in the late dry season (October – December). Prescribed burning is delivered by aerial incendiary operations with supplementary ground burning operation. Every year, the reduction in wildfires across AWC's northern properties averts more than 100,000 tonnes of carbon from being emitted into the atmosphere. The savings in greenhouse gases going into the environment each year is equivalent to removing more than 25,000 vehicles off the road for a year. It also helps in the preservation of biodiversity as it has significant benefits for wildlife by reducing wildfires across all properties.

The key co-benefits of this project include:

- Supporting action to mitigate climate change.
- Reducing the devastating impact of wildfires at Cape York.
- Increasing the extent of "old growth" vegetation and dispersing it more evenly across the landscape.
- Protecting the exceptional conservation values of Piccaninny Plains, including a high number of threatened species and ecosystems.

- Establishing a catalytic model which aims to improve conservation and management across Cape York Peninsula - a region of international significance.



Wongalara Wildlife Sanctuary

Located on the southern edge of Arnhem Land, Wongalara covers over 190,000 hectares of spectacular Top End habitat. Wongalara makes a vital contribution to conservation within the poorly reserved Gulf Falls and Uplands Bioregion. It contains a range of topography and a variety of landscapes that support distinct assemblages of plants and animals. The diversity of habitats on Wongalara, and its location on the edge of Arnhem Land and the Gulf Falls and Uplands Bioregion, make it a hotspot for northern Australian wildlife. Australian Wildlife Conservancy (AWC) estimates that at least 198 bird species, 35 mammal species, 86 species of reptiles and 19 frog species occur on the property. Wongalara is also home to several threatened and declining species. AWC’s management strategy at Wongalara is aimed at halting and reversing the decline in wildlife that is sweeping across northern Australia. Nearby Kakadu National Park, a protected area, has suffered a 75% decline in small mammal populations in little under a decade and a 65% decline in species richness (2001-2009). At some sites in Kakadu, the relative abundance of small to medium-sized mammals has declined by as much as 95- 98% (1980-2015).

This project is managed by the AWC and involves strategic and planned burning in the early dry season (April - May) and, if required, fire suppression in the late dry season (August – December). Prescribed burning is delivered by aerial incendiary operations with supplementary ground burning operation. Every year, the reduction in wildfires across AWC’s northern properties averts more than 100,000 tonnes of carbon from being emitted into the atmosphere. The savings in greenhouse gases going into the environment each year is equivalent to removing more than 25,000 vehicles off the road for a year. By reducing the incidence of late dry season wildfires and thereby reducing carbon emissions, the fire management program at Wongalara earns Australian Carbon Credit Units (ACCUs) through the Wongalara Carbon Statement 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 (%)
Piccaninny Plains Carbon Abatement	ACCUs	ANREU	29 May 2023	8,330,151,775 - 8,330,152,073 & 8,330,152,074 - 8,330,152,074	2021-22	-	300	0	0	300	75%
Wongalara Carbon Abatement	ACCUs	ANREU	29 May 2023	8,330,170,185 - 8,330,170,185 & 8,330,170,186 - 8,330,170,284	2021-22	-	100	0	0	100	25%
Total offsets retired this report and used in this report										400	
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					
Australian Carbon Credit Units (ACCUs)		400				100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not applicable.

APPENDIX A: ADDITIONAL INFORMATION

Not applicable.

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	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)	7,945	0	19%
Residual Electricity	34,794	34,619	0%
Total grid electricity	42,740	34,619	19%
Total Electricity Consumed (grid + non grid)	42,740	34,619	19%
Electricity renewables	7,945	0	
Residual Electricity	34,794	34,619	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		34,619	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		

Residual Electricity Emission Footprint (TCO2e) **35**

Figures may not sum due to rounding. Renewable percentage can be above 100%

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	42,740	34,192	5,129
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	42,740	34,192	5,129
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	42,740	34,192	5,129

Emission Footprint (TCO2e)	39
<i>Scope 2 Emissions (TCO2e)</i>	34
<i>Scope 3 Emissions (TCO2e)</i>	5

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
-	-	-	-	-

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?
Refrigerants	No	No	No	Yes	No	No

Refrigerants have been excluded as the relevance test has not been met.



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