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PUBLIC DISCLOSURE STATEMENT

CONSTRUCTION AND REMEDIATION
ADVISORY SERVICES PTY LTD (TRADING AS
CARAS)

ORGANISATION CERTIFICATION
PROJECTION: FY2024–25

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Construction and Remediation Advisory Services Pty Ltd (trading as CARAS)
REPORTING PERIOD	Projection: 1 July 2024 – 30 June 2025
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>Name of signatory - Niall Byrne Position of signatory - Managing Director Date - 06/02/2025</p>



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

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Version 9.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	Projection: 67 tCO ₂ -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	18.72%
CARBON ACCOUNT	Prepared by: NetNada Pty Ltd
TECHNICAL ASSESSMENT	N/A – Small organisation
THIRD PARTY VALIDATION	Type: 1 Date: 3 October 2023 Organisation: Inti Pty Ltd

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2.CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Construction and Remediation Advisory Services Pty Ltd (trading as CARAS), ABN 15 143 842 004, including the subsidiaries listed in the table below.

The certification for FY2024-25 is based on a projection utilising emissions data from the FY2021-22 reporting period. This approach aligns with Climate Active's guidelines for forward certification, where the emissions inventory from a base year (FY2021-22) is used to estimate the emissions for the projected certification period (FY2024-25). At the conclusion of FY2024-25, a true-up report will be submitted to verify actual emissions, ensuring compliance with the final certification requirements.

This Public Disclosure Statement includes information for FY2024-25 projected reporting period.

Organisation description

- CARAS is a 100% Australian-owned specialist boutique consultancy in the risk associated with the remediation of contaminated soil and groundwater, we also offer client-side project management, including cost and risk management.
- CARAS was established in 2010 and is based in Sydney. CARAS has delivered 100+ projects, provided transactional advice on state significant developments and is ISO accredited in quality, safety, and environment. CARAS provide services to owners of contaminated land assets and property in multiple states and territories.
- CARAS team and the Board of CARAS have identified sustainability as a core value for the operation of the business and are committed to setting near and long-term targets that adopt Australian and international sustainability benchmarks and standards.
- By undertaking a financial control approach to our organisation's boundary, we are able to develop a strategy aligned with company values and organisational commitments.
- CARAS's services are not included as part of this certification.

The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN
Construction and Remediation Advisory Services Pty Ltd (trading as CARAS)	15 143 842 004	143 842 004

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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 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 in Appendix D.

Emissions boundary for FY2024-25 (projection)

Inside emissions boundary		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Stationary energy and fuels Electricity Accommodation Carbon neutral products and services Cleaning and chemicals Food ICT services and equipment Products Professional services Plant hire and purchase Office equipment and supplies Postage, courier and freight Transport (air) Transport (land and sea) Waste Water Working from home 	<p><u>Non-quantified</u></p> <ul style="list-style-type: none"> Refrigerants 	<p><u>Excluded</u></p>
	<p><u>Optionally included</u></p>	

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

The CARAS Board of Directors (the Board) identified sustainability as a core value for the operation of their business in April 2022 and committed to setting near and long-term targets that align with both Australian and international sustainability benchmarks and standards.

In November 2022, the Board endorsed the CARAS Sustainability Strategy, committing the company to Climate Active Carbon Neutral certification and adopting sustainability targets aligned with best-practice standards, such as the Global Reporting Initiative (GRI) and the United Nations Sustainable Development Goals (SDGs).

Emissions Targets:

- CARAS commits to reducing all emissions by **47% by June 2032**, based on a **FY 2022** base year.
- The **Scope 1 CO2e** reduction target is a **50% decrease** in CO2e from the base amount of **14.38 tonnes**. Travel associated with CARAS's project-based services may vary annually based on site locations, affecting fuel use and thus Scope 1 emissions.
- The **Scope 2 CO2e** target was achieved in **June 2023**, with the transition to **100% GreenPower**, which commenced in January 2023. We have added evidence of Greenpower to the appendix.
- A **Scope 3 emissions reduction strategy** is set to be developed in **Q1 2025**, aimed at further reducing CO2e output.

Through the next reporting period, the primary focus will be:

- Attaining **Climate Active Carbon Neutral Certification** for **FY2024-25** (projected), with a true-up report to follow.
- Continuing efforts to **reduce waste to landfills**.
- Maintaining **accredited management systems** and sustainability policies.
- Integrating new sustainability initiatives into the **CARAS Integrated Management System (IMS)**.

Emissions reduction actions

Key Changes from FY2021-22 to FY2024-25:

- **Office Relocation:** In **October 2022**, CARAS moved to a new office space, increasing the **Net Lettable Area (NLA)** from **110m² to 321m²**, which will be reflected in future emissions reporting.
- **Staff Growth:** The employee count will increase to **14 full-time** and **3 part-time** employees by FY2024-25.

5.EMISSIONS SUMMARY

Emissions summary

Emission category	Scope 1 emissions (tCO ₂ -e)	Scope 2 emissions (tCO ₂ -e)	Scope 3 emissions (tCO ₂ -e)	Total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	0.63	0.63
Cleaning and chemicals	0.00	0.00	0.00	0.00
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction materials and services	0.00	0.00	0.00	0.00
Electricity	0.00	3.39	0.42	3.80
Food	0.00	0.00	8.66	8.66
ICT services and equipment	0.00	0.00	4.60	4.60
Machinery and vehicles	0.00	0.00	0.89	0.89
Office equipment and supplies	0.00	0.00	1.04	1.04
Postage, courier and freight	0.00	0.00	0.00	0.00
Products	0.00	0.00	0.05	0.05
Professional services	0.00	0.00	6.73	6.73
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	0.00	0.00
Transport (land and sea)	0.00	0.00	9.12	9.12
Waste	0.00	0.00	20.05	20.05
Water	0.00	0.00	0.00	0.00
Working from home	0.00	0.00	0.00	0.00
Total emissions (tCO₂-e)	0.00	3.39	52.19	55.58

Uplift factors for FY2021-22 (base year)

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot 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
5% uplift for small organisations (tCO ₂ -e)	2.77
Refrigerants - Other uplifts (tCO ₂ -e)	1.11
Other uplifts (tCO ₂ -e) - 12.5% to account for growth in revenue and staff numbers between base year and projected emissions	6.94
Total uplift amount (t CO ₂ -e)	10.83
Total emissions after uplifts (t CO ₂ -e)	66.41
Total emissions to be offset (t CO ₂ -e)	67

6.

CARBON OFFSETS

Commented [1]: Alex to update

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Verified Carbon Units (VCUs)	67	100%

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
Soubre Hydropower Project	VCU	Verra	23/10/2023	12389-408454933-408455008-VCS-VCU-291-VER-CI-1-1522-01012021-30062021-0	2021	76	0	9	67	100%

Co-benefits

The offset projects selected for this certification continue to support global sustainability initiatives in alignment with the United Nations Sustainable Development Goals (SDGs). The projects provide the following specific co-benefits:

- **UN SDGs 6, 7, & 13:** These projects contribute to clean water and sanitation (SDG 6), affordable and clean energy (SDG 7), and climate action (SDG 13).
- **Biodiversity Conservation:** The project aids in the conservation of local ecosystems through a large-scale biodiversity programme, which plays a key role in protecting endangered species and regenerating local flora and fauna.
- **Community Development:** The project supports infrastructure development in local communities, such as schools, healthcare centres, and improved housing, thereby enhancing the quality of life for residents.
- **Access to Clean Water:** Through the installation of water pumps, the project provides thousands of local villagers access to clean water, reducing waterborne diseases and improving public health.
- **Economic Growth:** The establishment of local industries, such as sustainable agriculture and clean energy projects, creates job opportunities for local populations, leading to increased economic stability and development.

This combination of environmental and social impacts ensures that the carbon offset projects not only address climate change but also create long-lasting benefits for the local communities and ecosystems.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the **market-based approach**.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kg CO 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)	0	0	0%
GreenPower	0	0	0%
Climate Active certified - Precinct/Building (voluntary renewables)	0	0	0%
Climate Active certified - Precinct/Building (LRET)	0	0	0%
Climate Active certified - Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Climate Active certified - Electricity products (voluntary renewables)	0	0	0%
Climate Active certified - Electricity products (LRET)	0	0	0%
Climate Active certified - Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	963	0	19%
Residual electricity	4,181	3,805	0%
Total renewable electricity (grid + non grid)	963	0	19%
Total grid electricity	5,144	3,805	19%
Total electricity (grid + non grid)	5,144	3,805	19%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	4,181	3,805	
Scope 2	3,722	3,387	
Scope 3 (includes T&D emissions from consumption under operational control)	459	418	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	18.72%
Mandatory	18.72%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	3.39
Residual scope 3 emissions (t CO₂-e)	0.42
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	3.39
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.42
Total emissions liability (t CO₂-e)	3.80

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

Location Based Approach Summary						
Location Based Approach	Activity Data (kWh) total	Under operational control			Not under operational control	
		(kWh)	Scope 2 Emissions (kg CO ₂ -e)	Scope 3 Emissions (kg CO ₂ -e)	(kWh)	Scope 3 Emissions (kg CO ₂ -e)
Percentage of grid electricity consumption under operational control	100%					
ACT	0	0	0	0	0	0
NSW	5,144	5,144	3,498	257	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	5,144	5,144	3,498	257	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	5,144					

Residual scope 2 emissions (t CO ₂ -e)	3.50
Residual scope 3 emissions (t CO ₂ -e)	0.26
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	3.50
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.26
Total emissions liability (t CO₂-e)	3.76

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO ₂ -e)
N/a	0	0
<i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market based method is outlined as such in the market based summary table.</i>		

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/a	0	0
<i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market based method is outlined as such in the market based summary table.</i>		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources 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	Justification reason
Refrigerants	Data Unavailable.

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.

CARAS has changed tenancies and will have access to air conditioning systems in new office space as well as model of items such as fridges or other refrigerant emitting devices.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

N/A

Excluded emissions sources summary

Emission sources tested for relevance	S i z e	I n f l u e n c e	R i s k	S t a k e h o l d e r s	O u t s o u r c i n g	Justification
N/A						



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