



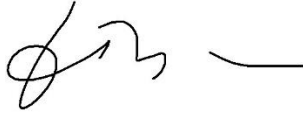
PUBLIC DISCLOSURE STATEMENT

**FLOATING SOLUTIONS CONSULTING PTY
LTD**

**ORGANISATION CERTIFICATION
FY2022-23 (TRUE UP)**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Floating Solutions Consulting Pty Ltd
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 2023 True-up 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>Emma Tongue Authorised Representative, Floating Solutions Consulting Pty Ltd 30th October 2023</p>



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

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Version August 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	21 t CO ₂ -e
OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: 100% Renewables Pty Ltd
TECHNICAL ASSESSMENT	N/A for small organisation certification
THIRD PARTY VALIDATION	Type 1 19 October 2023 KREA Consulting Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This public disclosure statement (PDS) supports the certification of the Australian operation of Floating Solutions Consulting Pty Ltd (ABN: 15 634 237 139) as an organisation going carbon neutral under the 'Climate Active Carbon Neutral Certification Standard for Organisations'. This report includes an overview of Floating Solutions Consulting Pty Ltd's greenhouse gas (GHG) emissions reduction strategy as well as a description of the GHG emissions boundaries.

The base year is FY 2021 and FY 2023 is the first year of certification.

Organisation description

Established in 2017, Floating Solutions Consulting Pty Ltd (FSC) is a privately owned Australian business in the maritime industry. FSC is a leading hull structures integrity management specialist providing independent technical, strategic, and commercial advice and support to clients across the Energy, Commercial and Defence sectors to optimise the in-service performance and sustainment of hull structures.

Within this certification, all relevant emissions under Floating Solutions Consulting Pty Ltd (ABN 15 634 237 139) have been included. The boundary encompasses the operational emissions associated with the following related bodies corporate:

- Floating Solutions Consulting Pty Ltd

Floating Solutions Consulting Pty Ltd is located at 140 St Georges Terrace, Perth, Western Australia.

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 at Appendix D.

Inside emissions boundary

Quantified

Refrigerants
Electricity – upstream leased office
Printing and stationery
IT hardware
IT software
Telecommunications
Office equipment
Office furniture
Accounting services
Advertising services
Legal services
Employee commute
Working from home
Food and catering
Air travel (FSC procured)
Business accommodation (FSC procured)

Non-quantified

Waste
Water

Outside emission boundary

Excluded

Air travel (client supplied)
Business accommodation (client supplied)
Professional engineering services (Procured for the client)

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

As FSC are a consultancy, we consume very little in regard to materials, electricity and other services. While there is potentially some room for improvement (such as ensuring the use of green energy supply for our employees' home offices and co-working spaces), we are using the Climate Active process to enable us to identify these areas. Implementation of any identified reduction strategies would then occur over the following 24 months.

FSC plans to utilise the information obtained under the Climate Active process to not only achieve Net Zero for FY2021 and future years, but we will also ensure that sufficient carbon credits are purchased to offset past emissions since the company was established in Sept 2017.

Our goal is to maintain emissions of less than 2 t CO₂-e per year per FTE staff as the business grows over the next 5 years.

To achieve this target, we have identified the following actions:

- As soon as practicable, FSC will switch to a co-working space with carbon neutral status or with GreenPower accredited electricity supply. This will reduce our office-related electricity emissions by 100%.
- Have a procurement policy in place that encourages the use of carbon neutral products and services. FSC aims to have at least 50% of our professional service suppliers to be carbon neutral by January 1st 2028.
- We will encourage climate literacy within our team to enable team members to make more informed decisions on their personal emissions impact.
- All purchases of office equipment will be made with energy efficiency in mind, and where appropriate, the most energy-efficient option will be selected.

5. EMISSIONS SUMMARY

Use of Climate Active carbon neutral products, services, buildings or precincts

Not applicable

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 to estimate the emissions for the reporting year. This table shows the differences between the projected emissions and the actual emissions recorded.

Emission category	Projected emissions (tCO ₂ -e)	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 (t CO ₂ -e)
Accommodation and facilities	-	-	-	-	-
Electricity (Co-working space)	0.80	-	-	0.59	0.59
Food	0.05	-	-	0.18	0.18
ICT services and equipment	3.51	-	-	10.09	10.09
Office equipment & supplies	0.30	-	-	0.31	0.31
Professional Services	2.90	-	-	2.45	2.45
Refrigerants (Working from home)	0.72	-	-	0.09	0.09
Transport (Air)	-	-	-	-	-
Transport (Land and Sea)	2.83	-	-	2.36	2.36
Waste	-	-	-	-	-
Water	-	-	-	-	-
Working from home (Perth-based staff)	0.88	-	-	2.15	2.15
Working from home (offshore staff)	0.45	-	-	1.32	1.32
Total emissions	12.45	0.00	0.00	19.54	19.54
Difference between projected and actual emissions	7.09 t CO₂-e				

Uplift factors

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
mandatory 5% uplift for small organisations	0.98
Uplift applied to account for emissions associated with co-working space refrigerants	0.16
Total of all uplift factors	1.14
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	20.68

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken a forward offsetting approach. The total emission to offset is 20.68 t CO₂-e. The total number of eligible offsets used in this report is 21 t CO₂-e. Of the total eligible offsets used, 13 t CO₂-e were previously retired for the projected FY23 certification, and 8 t CO₂-e were newly purchased and retired.

Co-benefits

This section provides a brief description of the carbon offsets purchased and retired for Floating Solutions Consulting Pty Ltd's carbon neutral claim.

Jerramungup Reforestation Project

This project relates to 100 per cent of the total amount of offsets purchased and retired for this reporting period. The activity includes the establishment of permanent plantings of a mix of native tree species on land that was predominantly used for agricultural purposes for at least five years prior to project commencement. The tree species are native to the local area.

Eligible offsets retirement summary

Offsets retired 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 retired (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 (%)	
Biodiverse Carbon Conservation	KACCU	ANREU	27 Oct 2023	8,336,093,103 - 8,336,093,110	2021-22	0	8	0	0	8	38%	
Biodiverse Carbon Conservation	KACCU	ANREU	31 Oct 2022	8,336,092,622 - 8,336,092,634	2021-22	0	13	0	0	13	62%	
Total eligible offsets retired and used for this report										21		
Total eligible offsets retired this report and banked for use in future reports										0		
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total					
Australian Carbon Credit Units (ACCU)		21					100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not applicable

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

1. Large-scale Generation certificates (LGCs)*

Not applicable

* 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	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Not applicable	-	-	-	-	-	-	-	-	-
Total LGCs surrendered this report and used in this report									-

APPENDIX A: ADDITIONAL INFORMATION

Attachment 1: Proof of ACCU purchase and retirement (31 Oct 2022)

OFFICIAL



Australian Government
Clean Energy Regulator



31 October 2022

VC202223-00067

To whom it may concern,

Voluntary cancellation of units in ANREU

This letter is confirmation of the voluntary cancellation of units in the Australian National Registry of Emissions Units (ANREU) by ANREU account holder, BETACARBON PTY LTD (account number AU-3052).

The details of the cancellation are as follows:

Date of transaction	31 October 2022 (AEST)
Transaction ID	AU24547
Type of units	KACCU
Total Number of units	13
Serial number range (ERF Project ID)	8,336,092,622 – 8,336,092,634 (ERF101147)
Vintage	2021-22
Associated ERF Project Name(s)	Biodiverse Carbon Conservation
Transaction comment	Retirement on behalf of Floating Solutions Pty Ltd (ABN 15 634 237 139)

Details of all voluntary cancellations in the ANREU are published on the Clean Energy Regulator's website, <http://www.cleanenergyregulator.gov.au/OSR/ANREU/Data-and-information>.

If you require additional information about the above transaction, please email CER-RegistryContact@cer.gov.au

Yours sincerely,

David O'Toole
ANREU and International
NGER and Safeguard Branch
Scheme Operations Division
Clean Energy Regulator
registry-contact@cer.gov.au
www.cleanenergyregulator.gov.au



OFFICIAL

Attachment 2: Proof of ACCU purchase and retirement (31 Oct 2022)

OFFICIAL



Australian Government
Clean Energy Regulator



27 October 2023

VC202324-00333

To whom it may concern,

Voluntary cancellation of units in ANREU

This letter is confirmation of the voluntary cancellation of units in the Australian National Registry of Emissions Units (ANREU) by ANREU account holder, BETACARBON PTY LTD (account number AU-3052).

The details of the cancellation are as follows:

Date of transaction	27 October 2023 AEDT
Transaction ID	AU30381
Type of units	KACCU
Total Number of units	8
Serial number range	8,336,093,103 - 8,336,093,110
ERF Project	Biodiverse Carbon Conservation - EOP101147
Vintage	2021-22
Transaction comment	Retirement on behalf of Floating Solutions Pty Ltd (ABN 15 634 237 139)

Details of all voluntary cancellations in the ANREU are published on the Clean Energy Regulator's website, <http://www.cleanenergyregulator.gov.au/OSR/ANREU/Data-and-information>.

If you require additional information about the above transaction, please email CER-RegistryContact@cer.gov.au

Yours sincerely,

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FSC is currently developing a tool that will help quantify the carbon emissions impact of its work on client operations.

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 precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
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)	143	0	19%
Residual Electricity	619	592	0%
Total renewable electricity (grid + non grid)	143	0	19%
Total grid electricity	763	592	19%
Total electricity (grid + non grid)	0	0	0%
Percentage of residual electricity consumption under operational control	0%		
Residual electricity consumption under operational control	0	0	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	
Residual electricity consumption not under operational control	619	592	
Scope 3	619	592	

Total renewables (grid and non-grid)	18.80%
Mandatory	18.80%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	0.00
Residual scope 3 emissions (t CO₂-e)	0.59
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.59
Total emissions liability (t CO₂-e)	0.59

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 (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
Percentage of grid electricity consumption under operational control	0%					
ACT	0	0	0	0	0	0
NSW	0	0	0	0	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	763	0	0	0	763	420
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	763	0	0	0	763	420
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)	763					

Residual scope 2 emissions (t CO ₂ -e)	0.00
Residual scope 3 emissions (t CO ₂ -e)	0.42
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.42
Total emissions liability	0.42

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)
Not applicable	0	0
<p><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></p>		

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)
<i>Not applicable</i>	0	0
<p><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></p>		

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
Waste	immaterial
Water	immaterial

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation'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.

Excluded emission sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Air travel (client supplied)	Y	N	N	N	N	<p>Influence: We do not have the potential to influence the emissions from this source.</p> <p>Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>
Business accommodation (client supplied)	N	N	N	N	N	<p>Size: The emissions source is not large compared to the total emissions from electricity, stationary energy and fuel emissions.</p> <p>Influence: We do not have the potential to influence the emissions from this source, including a shift to a lower-emissions supplier for our business.</p> <p>Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>
Professional engineering services (Procured for the client)	Y	N	N	N	N	<p>Influence: We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our business.</p> <p>Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>



An Australian Government Initiative

