



PUBLIC DISCLOSURE STATEMENT


AWARE SUPER PTY LTD

**ORGANISATION CERTIFICATION
FY2021-22**

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Aware Super Pty Ltd
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>Deanne Stewart Chief Executive Officer 19 December 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	7,185 tCO ₂ -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	19.01%
TECHNICAL ASSESSMENT	Not applicable this reporting period Next technical assessment due: FY2023-24

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2. CARBON NEUTRAL INFORMATION

Description of certification

The certification will cover all operational business activities including activities within the leased office spaces across Australia of Aware Super Pty Ltd (Aware Super), ABN 11 118 202 672. This is Aware Super's second year of certification. Any reference in this statement to Aware Super is a reference to the certified entity. Note that emissions associated with Aware Super's investment portfolio have been excluded from the emissions boundary.

Organisation description

We are one of Australia's largest super funds managing over \$145 billion¹ in savings for approximately 1.09 million members¹. We are committed to helping our members achieve their best possible retirement and are the super fund for any Australian who values community.

We began putting members first in 1992 when we were known as First State Super. In 2020 we merged with VicSuper and WA Super and became known as Aware Super. One thing hasn't changed though, our unwavering commitment to our members and our desire to do good for all.

What makes us different?

1 Scale and expertise

We are one of the largest super funds in Australia. Our scale and expertise enable us to continue to aim to deliver strong returns, low fees and enhanced member services, including advice and insurance.

2 Members first approach

We're proudly a profit to member fund. Everything we do is for the benefit of our members, from our products and services, to advocating on behalf of member's best interests.

3 Investment track record

We've consistently delivered strong long-term outcomes for our members, while continuing to do good for the broader community.

4 Commitment to responsible investing

We invest to make a positive difference. We actively seek investments that are not only sustainable but deliver value to the communities in which our members live.

We have offices located in New South Wales, Queensland, Victoria, Australian Capital Territory and Western Australia and 1,375 employees¹.

"Climate change is a significant long-term risk to the planet, our investment portfolio and ultimately our members' retirement outcomes. Achieving carbon neutrality for our operations is part of our corporate responsibility strategy which ensures we operate in a sustainable way."

¹ As of 30th June 2022

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
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Accommodation and facilities	N/A	Investments
Electricity		Refrigerants (Base Building Services)
Food		Professional Services – Accounting Services
ICT services and equipment		Professional Services – Marketing/advertising services
Office equipment & supplies		Capital goods (office equipment)
Stationary Energy		Postage, courier and freight
Transport (Air)		Water
Transport (Land and Sea)		
Waste		
Working from home		

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 and emissions reduction actions

Climate change is a significant long-term risk to the planet, our investment portfolio and ultimately our members' retirement outcomes. We are committed to addressing this risk by reducing greenhouse gas emissions across our business, both across our operations and in our investment decisions.

Some of the actions we have undertaken as part of our broader commitment to reducing emissions are detailed in our climate change adaptation plan and climate change portfolio transition plan which can be obtained from our [website](#).

In line with our commitments to contribute to an economy wide 45% reduction in greenhouse gas (carbon) emissions by 2030, we are setting the goal of achieving **at least a 45% reduction in our operational emissions (Scope 1, 2 and 3) by 2030 from a FY21 baseline**.

To achieve this goal for our business operations, we have plans to implement the measures in the tables below to reduce our operational carbon footprint.

Scope 1 emissions reductions will be achieved by *improving the energy efficiency of our business operations*

Emission reduction initiative	Emissions source	Future actions
Relocating our major offices to sustainable buildings.	Electricity and stationary energy	Relocating our major offices to more sustainable buildings with a NABERS rating of at least 5 stars by 2030.

Scope 2 emissions reductions will be achieved by *avoiding emissions associated with our business operations*:

Emission reduction initiative	Emissions source	Future actions
Switching or procuring GreenPower or carbon neutral electricity for most of our facilities*.	Electricity (tenancy)	Where possible, we will source our electricity from 100% Green Power or carbon neutral sources by 2030.

**The landlords of some of our offices supply electricity and Aware has no control on the service provide contracted or the type of electricity bought for the facility (coal generated vs renewable energy). In coming years, as we renew our leases we will stipulate the requirement to have renewable energy into our leases when they are renewed.*

Scope 3 emissions reductions will be achieved by *avoiding emissions upstream and downstream*:

Emission reduction initiative	Emissions source	Future actions
Encouraging our people to reduce	Business travel – flights and	As a result of the pandemic our business travel was reduced, however we acknowledge that our emissions

business travel.	accommodation	from business travel, specifically air travel, are likely to increase in future reporting periods. Therefore, we encourage our people to reduce business travel and to instead use videoconferencing, where possible.
Providing hybrid ways of working for our people.	Staff commuting	Providing hybrid ways of working for our people to reduce commuter travel to work and the corresponding transport emissions effective from 2022. In January 2022, we released our Hybrid Working Guidelines, for internal use, detailing the principles, guidelines and any relevant processes that need to be followed by our people.
Incentivise alternative modes of transport that are less emissions intensive.	Staff commuting	Providing bicycle end of trip facilities for employees at major offices, offices with more than 200 staff, by 2030.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year/Year 1:	2020-21	5,715.72
Year 2:	2021-22	7,184.18

Significant changes in emissions

During FY22, restrictions due to COVID-19 were partially lifted. This enabled more international and domestic travel and for staff to return to the office. Aware Super also made a switch to Opal Australia Climate Active certified carbon neutral paper for their member statements during this reporting period.

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Land and Sea Transport (fuel)	102.96	87.26	During FY22, employees were able to travel domestically, as travel restrictions due to COVID-19 were lifted.
Land and Sea Transport (km)	1,025.74	781.36	As above.
ICT services and equipment	1,305.35	335.78	Aware Super experienced a large increase in cloud storage
Air transport	570.07	383.56	During FY22, employees were able to travel both domestically and internationally, as travel restrictions due to COVID-19 were lifted.
Office equipment & supplies	226.40	313.64	Aware Super's member statements were provided on Opal Australia Climate Active certified paper during FY22.

Use of Climate Active carbon neutral products and services

Aware Super Statements are printed using certified carbon neutral paper from Opal Australia.

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	-	-	42.05	42.05
Electricity	-	3,396.15	-	3,396.15
Food	-	-	71.49	71.49
ICT services and equipment	-	-	1,305.35	1,305.35
Office equipment & supplies	-	-	226.40	226.40
Stationary Energy (gaseous fuels)	85.54	-	16.64	102.18
Transport (Air)	-	-	570.07	570.07
Transport (Land and Sea)	97.81	-	1,030.88	1,128.70
Waste	-	-	14.56	14.56
Working from home	-	-	327.22	327.22
Total	183.35	3,396.15	3,604.67	7,184.18

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	284
2.	Total emissions footprint to offset for this report	7,185
3.	Total eligible offsets required for this report	6,901
4.	Total eligible offsets purchased and retired for this report	6,990
5.	Total eligible offsets banked to use toward next year's report	89

Co-benefits

Aware Super elected to retire carbon offsets from a clean energy wind farm project by Sispara, in India. This small-scale project involves the installation of 35.5MW capacity of wind power across four locations in India. Clean energy generated by the project will be exported to the local electricity grid in Maharashtra, displacing the fossil-fuel generated electricity on the Northern, Eastern, Western and North-Eastern regional grids (NEWNE) grid of India. These offsets contribute to the Sustainable Development Goal of Affordable and Clean Energy (Goal 7).

In addition to carbon offsets from this wind farm project by Sispara, Aware Super also purchased and retired carbon offsets from a bundled wind power project in Tamilnua, also in India. The project is spread across the entire State of Tamilandu and involved bundling the total generation of 396 wind turbine generators. The total capacity of the project is 236.05 MW. The renewable energy generated will displace fossil-fuel generated electricity in the Southern regional grid. These offsets contribute to the Sustainable Development Goals of Affordable and Clean Energy (Goal 7) and Climate Action (Goal 13).

See section 'Eligible offsets retirement summary' for more information.

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 (%)
Wind bundle project in Maharashtra by Sispara	VCUs	Verra	6 May 2022	8457-21892917-21893200-VCS-VCU-997-VER-IN-1-1660-01012019-31102019-0	2019	0	284	0	0	284	4%
Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA-V2)	VCUs	Verra	25 Oct 2022	13505-509048499-509052880-VCS-VCU-508-VER-IN-1-1353-01012019-31122019-0	2019	0	4,382	0	0	4,382	60%
Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA-V2)	VCUs	Verra	25 Oct 2022	13506-509053502-509056109-VCS-VCU-508-VER-IN-1-1353-01012020-15022020-0	2020	0	2,608	0	0	2,608	36%
Total offsets retired this report and used in this report										7,185	
Total offsets retired this report and banked for future reports										89	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	7,274	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A. No RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

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	0	0	0%
Jurisdictional renewables (LGCs retired)	17,821	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	4,069	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	779,438	0	18%
Residual Electricity	3,413,344	3,396,153	0%
Total grid electricity	4,214,672	3,396,153	19%
Total Electricity Consumed (grid + non grid)	4,214,672	3,396,153	19%
Electricity renewables	801,328	0	
Residual Electricity	3,413,344	3,396,153	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ -e)		3,396,153	
Total renewables (grid and non-grid)	19.01%		
Mandatory	19.01%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual electricity emissions footprint (tCO₂-e)	3,396		
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>			
<i>Voluntary includes LGCs retired by the ACT (MWh)</i>	17		

Location-based approach summary			
Location-based approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)
ACT	21,890	17,074	1,532
NSW	2,474,590	1,930,180	173,221
SA	0	0	0
VIC	1,605,184	1,460,717	160,518
QLD	28,497	22,798	3,420
NT	0	0	0
WA	84,511	56,623	845
TAS	0	0	0
Grid electricity (scope 2 and 3)	4,214,672	3,487,392	339,537
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	4,214,672	3,487,392	339,537
Emission footprint (tCO₂-e)	3,827		
<i>Scope 2 Emissions (tCO₂-e)</i>	3487		
<i>Scope 3 Emissions (tCO₂-e)</i>	340		

Carbon neutral electricity offset by Climate Active product	Activity Data (kWh)	Emissions (kgCO ₂ -e)
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. 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.

All emissions sources that have been assessed as relevant are quantified in the carbon inventory.

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	N/A	N/A	N/A	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 'Purchased goods and services (professional services)', Capital goods (office equipment)', 'Investments', 'Refrigerants (base building services)', 'Postage, courier and freight', and 'Water' have been excluded as they have been assessed as not relevant according to the relevance test.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Purchased goods and services (professional services)	Yes	No	No	No	No	No
Capital goods (office equipment)	No	Yes	No	No	No	No
Investments	Yes	No	No	No	No	No
Refrigerants (base building services)	No	No	No	No	No	No
Postage, courier and freight	Yes	No	No	No	No	No
Water	No	Yes	No	No	No	No



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