



PUBLIC DISCLOSURE STATEMENT

UNISUPER MANAGEMENT PTY LTD

ORGANISATION CERTIFICATION

FY2021-22

Australian Government
Climate Active
Public Disclosure Statement

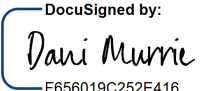


UniSuper



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	UniSuper Management Pty Ltd
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><i>Signature here</i></p> <p>DocuSigned by:  <small>F656019C252E416...</small></p> <p>Name of signatory Dani Murrie Position of signatory Chief Marketing & Growth Officer Date 10 November 2023</p>



Australian Government

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

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Version March 2023.

1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	5,761.6 tCO ₂ -e
OFFSETS USED	28% ACCUs, 7% VCU, 65% CERs
RENEWABLE ELECTRICITY	25%
CARBON ACCOUNT	Prepared by: Pangolin Associates Pty Ltd
TECHNICAL ASSESSMENT	16/06/2021 Sarah Colquhoun Pangolin Associates Next technical assessment due: FY 2022-23

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2021 to 30 June 2022 and covers the Australian business operations of UniSuper Management Pty Ltd (USM), ABN: 91 006 961 799.

The operational boundary has been defined based on an operational control test and includes the following locations and facilities:

- Level 1, 2, 11, 24 and 35-40, 385 Bourke Street, Melbourne VIC 3000
- Level 8, 1 King William Street, Adelaide SA 5000
- Level 16, 300 Queen Street, Brisbane QLD 4000
- Level 1, 40 Marcus Clarke Street, Canberra ACT 2601
- Level 15, 140 St Georges Terrance, Perth WA 6000
- Gateway Building Level 17, 1 Macquarie Place, Sydney NSW 2001
- On-campus University offices

The data analysis, assessment and this Climate Active submission was prepared with reliance on guidance and methodologies provided by [Pangolin Associates](#).

Organisation description

UniSuper Management Pty Ltd is administrator and investment manager for superannuation fund, UniSuper. UniSuper is one of Australia's largest super funds with more than 500,000 members and close to \$110 billion in funds under management.

We're passionate about securing the future of Australia's thinkers, creators and investigators who are shaping a better tomorrow. We empower them to be confident about their future and make better financial decisions.

UniSuper Management Pty Ltd is proud to support a fund that takes a responsible and sustainable approach to investments. Our team operates across all states and territories throughout Australia, with our national office in Melbourne.

The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN
UNISUPER MANAGEMENT PTY. LTD	91 006 961 799	006 961 799

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 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

Accommodation and facilities
Cleaning and Chemicals
Climate Active Carbon Neutral Products and Services
Electricity
ICT services and equipment
Office equipment & supplies
Postage, courier and freight
Professional Services
Stationary Energy (gaseous fuels)
Transport (Air)
Transport (Land and Sea)
Waste
Water
Working from home

Non-quantified

Refrigerants

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

UniSuper endorses the goals of the Paris Agreement on climate change, and intends to play a part as Australia fulfils its commitment as a signatory. In addition to our operational ambition, we are targeting net-zero emissions at a whole-of-fund and portfolio level by 2050, and we have an interim target to contribute to a 43% reduction in Australia's emissions by 2030. Progress towards this goal is open and transparent, with our biannual Responsible Investment reports, and annual Climate report (now up to its sixth edition) available on our [website](#).

UniSuper Management Pty Ltd is the company that administers the fund and reports on operational emissions/targets. UniSuper further commits to reduce all emissions in our value chain by 43% by 2030, from a FY2020 base year, in line with and support of the Australian government's national reduction goals.

Our strategy for delivering these emissions reductions includes:

- Anticipated appointment of dedicated CSR management resource to actively promote, govern and drive our sustainability initiatives.
- Increasingly explore the inclusion of ESG factors in our RFP and sourcing assessments, where appropriate and feasible. This may include the payment of a premium for goods or services that offer improved environmental outcomes.
- Exploration of cloud-based solutions in the market to support data centre transformation to transition from on-premise data centres. This option will provide operational efficiencies as well as potentially reducing our carbon footprint for our hosting solutions.
- Transitioning from paper to digital formats – including paperless Board & Committee meetings, default Member Statements via email rather than post where possible within the confines of the law and member choice.
- Supporting resource circularity through e-waste collection and battery recycling to ensure the sustainable recycling and disposal of electrical equipment.

Emissions reduction actions

UniSuper Management Pty Ltd (USM) has achieved carbon neutral status for our operations. USM is committed to carbon neutral operations and has embarked on numerous emissions reduction initiatives to initially obtain and then retain that status. Several of these initiatives are set out below.

ACTION	ADVANTAGE	COMPLETION DATE	REDUCTION TARGET	DELIVERY ETA
Uber for Business partnership	Provides greater ability to measure and manage ground transport use, and to actively encourage take-up of Uber Green carbon-friendly option	August 2023	10% of all trips taken to be via Uber Green vehicles	July 2024
Green Power switch	Ensure all corporate office tenancies supplied by renewable energy suppliers	August 2022	90% reduction in emissions from FY21 electricity usage baseline	July 2024
Melbourne HQ office LED lighting initiative	Replaced 950+ ceiling lighting fixtures/fittings with low-energy LED models, via subsidies	June 2023	40% reduction in office tenancy energy usage/charges on FY21 baseline	July 2024
All corporate office lighting replaced with LED	Assess all corporate offices nationally and replace lighting with LED where necessary	June 2024	40% reduction in office tenancy energy usage/charges on FY21 baseline	December 2024
Data centre closures	Both offsite data centres to be decommissioned in favour of cloud-based solution representing far lower rate of direct emissions	July 2024	90% reduction in data centre energy usage based on FY21 baseline	July 2025

Some of the actions UniSuper Management Pty Ltd (USM) took to reduce emissions for the FY22 reporting period were reduction in office printers and IT purchases, converting to digital formats reducing paper and printing, use of AV equipment in place of travel, reduction in Data Centre energy consumption by increasing temperature of server rooms, recycling furniture.

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year/Year 1:	2019–20	9,621.7	N/A
Year 2:	2020–21	4,774.9	N/A
Year 3:	2021–22	5,761.6	N/A

Significant changes in emissions

The below table outline the emission summary with significant change between FY21 and FY22, expressed in total emissions (t CO₂-e) for each report period.

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Postage ¹	10.0	563.3	Change in methodology. Australia Post expenses included in postage expenses instead of as its own activity due to an emission summary report not being available from Australia Post.
Total net electricity emissions (Market based)	1,896.2	1,278.3	Higher percentage of GreenPower in FY22 and improved data quality to calculate electricity.
Computer and electrical components, hardware and accessories	666.8	305.9	Downturn in purchases likely due to post-COVID return to office trends, requiring less home equipment
Telecommunications	111.7	427.2	Increased focus on remote and phone-based meetings versus travel has been a key focus.
Advertising services	4.4	333.6	Organization moved to be an open-market superannuation fund leading to significant increase in advertising and marketing activity
Working from home	354.6	618.2	Organization has implemented a 60/40 work from office/work from home policy leading to a significant increase in hybrid working arrangements

¹The organisation notes the variation in this field and may reassess methodology in future reporting periods.

Use of Climate Active carbon neutral products and services

Certified brand name	Product/Service used
Opal Australian Paper	Reflex carbon neutral paper
Opal Australian Paper	Winc carbon neutral paper
Virgin Australia	Virgin Australian carbon neutral opt-in flights
Pangolin Associates	Pangolin Associates

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 (t CO ₂ -e)
Accommodation and facilities	0.0	0.0	105.9	105.9
Cleaning and Chemicals	0.0	0.0	7.4	7.4
Climate Active Carbon Neutral Products and Services	0.0	0.0	0.0	0.0
Electricity	0.0	1,278.3	0.0	1,278.3
ICT services and equipment	0.0	0.0	1,060.0	1,060.0
Office equipment & supplies	0.0	0.0	99.4	99.4
Postage, courier and freight	0.0	0.0	563.3	563.3
Professional Services	0.0	0.0	1,583.5	1,583.5
Stationary Energy (gaseous fuels)	7.9	0.0	1.6	9.6
Transport (Air)	0.0	0.0	95.3	95.3
Transport (Land and Sea)	3.0	0.0	323.2	326.2
Waste	0.0	0.0	10.3	10.3
Water	0.0	0.0	4.5	4.5
Working from home	0.0	0.0	618.2	618.2
Total emissions	11.0	1,278.3	4,472.4	5,761.6

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken in-arrears offsetting approach. The total emission to offset is 5,762 t CO₂-e. The total number of eligible offsets used in this report is 5,762. Of the total eligible offsets used, 162 were previously banked and 5,600 were newly purchased and retired. 162 are remaining and have been banked for future use.

Co-benefits

West Arnhem Land Fire Abatement (WALFA) Project

Arnhem Land in the Northern Territory is prone to extreme, devastating wildfires that affect the landscape, people, plants and animals. These projects are owned exclusively by Aboriginal people with custodial responsibility for those parts of Arnhem Land under active bushfire management. Local rangers conduct controlled burns early in the dry season to reduce fuel on the ground and establish a mosaic of natural firebreaks, preventing bigger, hotter and uncontrolled wildfires later in the season.

The projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on and managing their country. Communities are supported in the preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of traditional custodians.

Katingan Peatland Project

The largest programme of its kind, the Katingan Mentaya Project protects vital peatland in Central Kalimantan Indonesia from being destroyed. These wetlands store large amounts of carbon naturally, and by conserving them, we prevent carbon dioxide from being released to the environment. This also secures vital habitat for five critically endangered species including the Bornean Orangutan, Proboscis Monkey and Southern Bornean Gibbon. In partnership with 34 local villages, the project also builds community capacity and sustainable development through employment and education. By fostering inclusive partnerships and a culture of sustainability in local communities, the project serves to reduce poverty, enhance the well-being of communities and eliminate drivers of deforestation.

CER – 40 MW Wind Power in India

Across India, wind farms introduce clean energy to the grid which would otherwise be generated by coal-fired power stations. Wind power is clean in two ways: it produces no emissions and also avoids the local air pollutants associated with fossil fuels. Electricity availability in the regions have been improved, reducing the occurrence of blackouts across the area. The projects support national energy security and strengthen rural electrification coverage. In constructing the turbines new roads were built, improving accessibility for locals. The boost in local employment by people engaged as engineers, maintenance technicians, 24-hour on-site operators

VCS-GUA-ONIL Cook Stoves, Guatemala

Many rural populations across Africa, Asia and Central & South America cook on highly inefficient, traditional three-stone fires, often located inside poorly-ventilated kitchens with small windows. This not only causes severe household air pollution and chronic respiratory, heart and eye disease but imposes a material health burden on women and children who are responsible for preparing meals. These offset projects build clean, efficient stoves that slow down the combustion of wood, significantly improving indoor air quality and reducing health risks. Because they require less wood, the stoves also reduce the amount of time women and children spend gathering firewood each week, allowing time for other activities.

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 (%)
West Arnhem Land Fire Abatement (WALFA) Project	ACCU	ANREU	14 July 2021	3,800,456,375 - 3,800,458,820	2019-20	0	2,446	2,284	0	162	3%
North East Arnhem Land Fire Abatement (NEALFA)	ACCU	ANREU	2 August 2023	8,328,927,955 8,328,929,395	2021	0	1,441	0	0	1,441	25%
40MW Grid Connected Wind Power Project	CER	UNFCCC	2 August 2023	304,219,357 304,223,101	CP2	0	3,745	0	0	3,745	65%
ONIL Stoves Guatemala Uspanta	VCU	Verra	2 August 2023	9506-103744179-103744466-VCS-VCU-814-VER-GT-3-1721-01012016-31122016-0	2016	0	288	0	0	288	5%
Katingan Peatland Restoration and Conservation Project	VCU	Verra	2 August 2023	6251-VCU-016-APXID-14-1477-01112015-31122016-6251-292978631-292978918-VCU-016-APX-ID-14-1477-01112015-31122016-1	2016	0	288	0	162	126	2%
Total eligible offsets retired and used for this report										5,762	
Total eligible offsets retired this report and banked for use in future reports									162		

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Australian Carbon Credit Units (ACCU)	1,603	28%
Certified Emissions Reductions (CERs)	3,745	65%
Verified Carbon Units (VCUs)	414	7%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary


N/A.

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

1. Large-scale Generation certificates (LGCs)*	0
2. Other RECs	0

* 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.

APPENDIX A: ADDITIONAL INFORMATION



Australian National Registry of Emissions Units

Logged in as: Andrew Grant / Industry User

- ANREU Home
- Account Holders
- Accounts
- Unit Position Summary
- Projects
- Transaction Log
- CER Notifications
- Public Reports
- My Profile

Transaction Details


Transaction details appear below.

i Transaction Successfully Approved

Transaction ID	AU28874
Current Status	Sending (01)
Status Date	02/08/2023 10:33:26 (AEST) 02/08/2023 00:33:26 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Grant, Andrew William Thorold
Transaction Approver	Grant, Andrew William Thorold
Comment	Retired on behalf of UniSuper Management Pty Ltd to meet its carbon neutral claim against the Climate Active Carbon Neutral Standard for FY22.

Transferring Account		Acquiring Account	
Account Number	AU-2734	Account Number	AU-2764
Account Name	Tasman Environmental Markets Pty Ltd	Account Name	Voluntary Cancellation - CP2
Account Holder	Tasman Environmental Markets Pty Ltd	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
IN	CER	Kyoto Voluntary Cancellation	2	2					IN-1600			304,219,357 - 304,223,101	3,745



Australian National Registry of Emissions Units

Logged in as: Andrew Grant / Industry User

- ANREU Home
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- Accounts
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- Public Reports
- My Profile

Transaction Details

Transaction details appear below.

Transaction ID	AU28872
Current Status	Completed (4)
Status Date	02/08/2023 10:25:45 (AEST) 02/08/2023 00:25:45 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Grant, Andrew William Thorold
Transaction Approver	Grant, Andrew William Thorold
Comment	Retired on behalf of UniSuper Management Pty Ltd to meet its carbon neutral claim against the Climate Active Carbon Neutral Standard for FY22.

Transferring Account		Acquiring Account	
Account Number	AU-2734	Account Number	AU-1068
Account Name	Tasman Environmental Markets Pty Ltd	Account Name	Australia Voluntary Cancellation Account
Account Holder	Tasman Environmental Markets Pty Ltd	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			ESP105182					2020-21		8,328,927,955 - 8,328,929,295	1,441

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 (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	49,843	0	3%
Jurisdictional renewables (LGCs retired)	54,547	0	3%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	12,456	0	1%
Large Scale Renewable Energy Target (applied to grid electricity only)	304,749	0	18%
Residual Electricity	1,284,723	1,278,253	0%
Total grid electricity	1,706,317	1,278,253	25%
Total Electricity Consumed (grid + non grid)	1,706,317	1,278,253	25%
Electricity renewables	421,594	0	
Residual Electricity	1,284,723	1,278,253	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		1,278,253	

Total renewables (grid and non-grid)	24.71%
Mandatory	21.79%
Voluntary	2.92%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO₂e)	1,278
<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>	54

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	67,003	52,262	4,690
NSW	169,741	132,398	11,882
SA	75,044	22,513	5,253
Vic	1,244,935	1,132,891	124,494
Qld	76,677	61,341	9,201
NT	0	0	0
WA	72,917	48,855	729
Tas	0	0	0
Grid electricity (scope 2 and 3)	1,706,317	1,450,260	156,249
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	1,706,317	1,450,260	156,249

Emission Footprint (TCO₂e)	1,607
<i>Scope 2 Emissions (TCO₂e)</i>	1450
<i>Scope 3 Emissions (TCO₂e)</i>	156

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 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	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 emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/A						



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