




# **PUBLIC DISCLOSURE STATEMENT**

**UNISUPER MANAGEMENT PTY LTD**

**ORGANISATION CERTIFICATION  
FY2020–21**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



NAME OF CERTIFIED ENTITY	UniSuper Management Pty Ltd
REPORTING PERIOD	Financial Year 1 July 2020 – 30 June 2021
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>DocuSigned by:    F656019C252E416...</p> <p>Dani Murrie  Chief Marketing and Growth Officer  Date</p> <p>23 January 2023</p>



**Australian Government**  
**Department of Industry, Science,  
Energy and Resources**

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# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	4,774.9 tCO <sub>2</sub> -e
OFFSETS BOUGHT	25% ACCUs, 10% VCUs, 65% CERs
RENEWABLE ELECTRICITY	24.26%
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 2020 to 30 June 2021 and covers the Australian business operations of UniSuper Management Pty Ltd, 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](#).

*“At UniSuper we’re committed to protecting the future of our 500,000 members, and we recognise our broader responsibility to the community and the environment. We’re committed to achieving net zero emissions in our investment portfolio by 2050. In the short-term we have achieved net zero emissions across our operations, towards this broader commitment.”*

## 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.

## 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
<b><u>Quantified</u></b>	<b><u>Non-quantified</u></b>	<b><u>Excluded</u></b>
Accommodation	Refrigerants	N/A
Air transport (km)		
Carbon neutral products and services		
Cleaning & chemicals		
Data Centre		
Electricity		
Employee Commute		
Food		
Fuels		
ICT services & equipment		
Land & sea transport		
Machinery and equipment		
Natural Gas		
Office equipment & supplies		
Printing		
Postage, Courier & freight		
Professional services		
Telecommunications		
Waste		
Water		
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

The superannuation fund, UniSuper, which UniSuper Management Pty Ltd supports, is committed to achieving net zero emissions across its investment portfolio by 2050, in alignment with the Paris Agreement.

UniSuper Management Pty Ltd, administrator and investment manager to UniSuper, has achieved carbon neutral status for our operations.

UniSuper Management Pty Ltd is committed to carbon neutral operations and has embarked on numerous emissions reduction initiatives. Several of these initiatives are set out below.

- Purchasing a portion of 'green energy' to supply our office spaces and have committed to purchasing 100% of 'green energy' across UniSuper Management Pty Ltd's controlled tenancies from 1 July 2022.
- Environmentally conscious decision-making in the office spaces that we lease & occupy, favouring those with NABERS ratings – our Head Office at 385 Bourke Street attracts a 5\* NABERS rating.
- Reducing our air travel and transport related emissions through facility investment to support video & teleconference meetings and support for flexible working arrangements which allow staff to work remotely and reduce our office space & energy usage.
- Prioritising sustainable sourcing via updates to our Procurement Policy and Category Plans. For example, we consider the sustainability of materials, lighting systems and furniture in our office fitouts and refurbishments.
- Transitioning from paper to digital formats – including paperless Board & Committee meetings, default Member Statements via email rather than post.
- Working alongside Building Management to reduce more waste from landfill.
- Supporting resource circularity through e-waste collection and battery recycling to ensure the sustainable recycling and disposal of electrical equipment.

We recognise that there is more to do and are committed to pursuing additional strategies to reduce our emissions footprint further. This includes: increasing our energy procurement from renewable energy from 1 July 2022, a key lever in decarbonising our operations; greater internal engagement and training on UniSuper's sustainability performance & priorities including on actions that can be taken as a group and by individual employees to reduce our transport and office-related emissions.

### Emissions reduction actions

Some of the actions UniSuper Management Pty Ltd took to reduce emissions for the FY21 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 <sub>2</sub> -e
Base year/Year 1:	FY2019–20	9,621.7
Year 2:	FY2020–21	4,774.9

### Significant changes in emissions

Electricity consumption attributed to UniSuper's third-party data centres has decreased from the previous year. This could be a result of efficiencies created by the supplier. The below table provides details all the emission sources where a significant change greater than 5% has occurred compared to the previous year.

Emission source name	Current year (tCO <sub>2</sub> -e)	Previous year (tCO <sub>2</sub> -e)	Detailed reason for change
Electricity emissions (including data centres)	1,896.19	2,336.40	Upgrade of computer & storage hardware, decommissioned old solution, resulting in a drop in power consumption across both data centres.
Computer equipment	666.83	1,778.23	Reduction in IT upgrades
Building fixtures and fittings, furniture	274.94	2,570.34	Reduction in office refurbishments
Working from home	354.59	237.33	Increase in working from home due to Covid and U-Flex working arrangements available to all employees

## 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 total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	19.6
Air Transport (km)	77.1
Carbon neutral products and services	0.0
Cleaning and Chemicals	54.4
Electricity	1,896.2
Food	4.3
ICT services and equipment	778.5
Land and Sea Transport (\$)	31.2
Land and Sea Transport (fuel)	13.8
Land and Sea Transport (km)	293.4
Machinery and vehicles	0.8
Office equipment & supplies	1,021.4
Postage, courier and freight	138.7
Professional Services	47.8
Stationary Energy	16.0
Waste	15.3
Water	11.6
Working from home	354.6
<b>Total</b>	<b>4,774.9</b>

## Uplift factors

N/A.

## Carbon neutral products

UniSuper use Winc carbon neutral paper.

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	162
2. Total emissions footprint to offset for this report	4,775
3. Total eligible offsets required for this report	4,775
4. Total eligible offsets purchased and retired for this report	4,775
5. Total eligible offsets banked to use toward next year's report	162

### 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.

#### Enercon Wind Farm in Karnataka

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 and security guards also boosts local economies and village services.

### **Cordillera Azul National Park REDD Project**

In 2008, CIMA developed a REDD+ Project to support all efforts to avoid deforestation and forest degradation in Cordillera Azul National Park, and cover all activities to manage the park, focusing in three main goals:

1. Strengthening the protection strategy for the park.
2. Using a participatory model to engage local communities and other stakeholders in the management and financial sustainability of the park.
3. Building local capacity for sustainable land use and improving the quality of life in the buffer zone communities.

In Peru, near 50% of emissions contributing to climate change come from deforestation, forest degradation and land – use changes. The buffer zone around the Park, in San Martín, Huánuco, Ucayali and Loreto, has some of the highest deforestation emissions in Peru – thus, any reduction in the rate of deforestation and forest degradation has the benefit of avoiding a significant source of carbon emissions and reducing other environmental and social problems associated with deforestation

### **ONIL Stoves Guatemala Uspantan**

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 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 <sub>2</sub> -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	ACCUs	ANREU	1 June 2022	8,329,163,009-8,329,164,202	2020-21	0	1,194	0	0	1,194	25%
Enercon Wind Farm in Karnataka	CER	ANREU	1 June 2022	200,901,729-200,904,831	2014	0	3,103	0	0	3,103	65%
Cordillera Azul National Park REDD Project	VCUs	Verra	1 June 2022	<a href="#">5570-246465896-246466134-VCU-024-MER-PE-14-985-08082013-07082014-1</a>	2014	0	239	0	0	239	5%
ONIL Stoves Guatemala Uspantan	VCUs	Verra	1 June 2022	<a href="#">9506-103742997-103743235-VCS-VCU-814-VER-GT-3-1721-01012016-31122016-0</a>	2016	0	239	0	0	239	5%
West Arnhem Land Fire Abatement (WALFA) Project	ACCUs	ANREU	14 July 2021	3,800,456,375 - 3,800,458,820	2019-20	0	2,446	2284	162	0	0%
<b>Total offsets retired this report and used in this report</b>										4,775	
<b>Total offsets retired this report and banked for future reports</b>									162		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCUs)	1,194	25%
Certified Emissions Reductions (CERs)	3,103	65%
Verified Carbon Units (VCUs)	478	10%

## 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.

<b>1. Large-scale Generation certificates (LGCs)*</b>	0
<b>2. Other RECs</b>	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.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location	
N/A										
<b>Total LGCs surrendered this report and used in this report</b>							0			

## 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 <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	68,069	0	3%
Jurisdictional renewables (LGCs retired)	56,459	-	2%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	13,179	0	1%
Large Scale Renewable Energy Target (applied to grid electricity only)	428,365	0	18%
Residual Electricity	1,767,053	1,896,191	0%
<b>Total grid electricity</b>	<b>2,333,125</b>	<b>1,896,191</b>	<b>24%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>2,333,125</b>	<b>1,896,191</b>	<b>24%</b>
Electricity renewables	566,072	0	
Residual Electricity	1,767,053	1,896,191	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		1,896,191	
<b>Total renewables (grid and non-grid)</b>	<b>24.26%</b>		
<b>Mandatory</b>	<b>21.34%</b>		
<b>Voluntary</b>	<b>2.92%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>1,896</b>		
<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>	56		



## Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO <sub>2</sub> e)	Scope 3 Emissions (kgCO <sub>2</sub> e)
ACT	69,638	62,674	69,638
NSW	117,861	106,075	117,861
SA	54,206	28,187	54,206
VIC	1,953,847	2,129,693	1,953,847
QLD	75,558	70,269	75,558
WA	62,016	43,411	62,016
TAS	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>2,333,125</b>	<b>2,440,309</b>	<b>2,333,125</b>
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
VIC	0	0	0
QLD	0	0	0
WA	0	0	0
TAS	0	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>2,333,125</b>	<b>2,440,309</b>	<b>2,333,125</b>

**Emission Footprint (TCO<sub>2</sub>e)** 2,440

## Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> 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.

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
Refrigerants	Yes	No	No	No

## 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?
Purchased goods and services	Yes	Yes	Yes	Yes	No	Yes
Capital goods	No	No	Yes	No	No	No
Fuel and energy related activities	Yes	Yes	Yes	Yes	No	Yes
Upstream transportation and distribution	No	No	No	No	No	No
Waste generated in operations	No	Yes	Yes	Yes	No	Yes
Business travel	No	Yes	Yes	Yes	No	Yes
Employee commuting	No	Yes	Yes	Yes	No	Yes
Upstream leased assets	No	No	No	No	No	No
Downstream transportation and distribution	No	No	No	No	No	No
Processing of sold products	No	No	No	No	No	No
Use of sold products	No	No	No	Yes	No	No
End-of-life treatment of sold products	No	No	No	No	No	No
Downstream leased assets	No	No	Yes	No	No	No
Franchises	No	No	No	No	No	No
Investments*	Yes	No	No	No	No	No

\* Investments have been excluded as this PDS relates to our internal operations.

# APPENDIX E: ANREU OFFSET RETIREMENTS


**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.

Transaction Successfully Approved

Transaction ID	AU22440
Current Status	Completed (4)
Status Date	01/05/2022 16:27:44 (AEST) 01/05/2022 06:27:44 (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 FY21

**Transferring Account**

Account Number: AU-2734

Account Name: Tasman Environmental Markets Pty Ltd

Account Holder: Tasman Environmental Markets Pty Ltd


**Acquiring Account**

Account Number: AU-1068

Account Name: Australia Voluntary Cancellation Account

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	ACCU	Voluntary ACU Cancellation			ERF122215					2020-21		8,329,143,009 - 8,329,164,202	1,194


**Australian National Registry of Emissions Units**
Logged in as: Andrew Grant / Industry User

- ANREU Home
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- Public Reports
- My Profile

### Transaction Details

Transaction details appear below.

Transaction Successfully Approved

Transaction ID	AU22441
Current Status	Sending (01)
Status Date	01/06/2022 18:49:28 (AEST) 01/06/2022 09:49:28 (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 FY21

**Transferring Account**

Account Number: AU-2734

Account Name: Tasman Environmental Markets Pty Ltd

Account Holder: Tasman Environmental Markets Pty Ltd

**Acquiring Account**

Account Number: AU-2764

Account Name: Voluntary Cancellation - CP2

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					09-1286			200,901,729 - 200,904,831	3,103



An Australian Government Initiative

