



# **PUBLIC DISCLOSURE STATEMENT**

**GOODMAN GROUP**

**ORGANISATION CERTIFICATION**

**FY2021–22**

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



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Goodman Group
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:            68D588ADB6EF436...</p> <p>Carl Bicego          Group Head of Legal and Company Secretary          Date</p>



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

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Version March 2022.

# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	23,706 tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	100% (Australian operations)
TECHNICAL ASSESSMENT	30/04/2021 Paola Martinez Ndevr Environmental Next technical assessment due: FY2023-24 reporting period

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

The certification represents carbon neutrality for Goodman Group's global operations (Goodman Ltd, ABN 69 000 123 071), including Goodman's corporate operations and property management activities.

Emissions deemed to be under Goodman's operational control are included within the certification boundary. These relate to corporate activities and the operations of the portfolio of buildings (base-building activities) within Goodman's global investment partnerships.

Emissions generated from the activities of Goodman's customers are excluded.

### Organisation description

Goodman owns, develops, and manages industrial real estate including logistics facilities, warehouses, and business parks. Goodman began with one industrial building in South Sydney, Australia, purchased for less than \$20 million in the mid-1980s, where our approach to sustainability was founded on our long-term relationships with customers and stakeholders.

In 2022, Goodman has grown its assets under management to \$73 billion, with operations spanning 14 countries including Australia, New Zealand, Greater China, Japan, the United Kingdom, Germany, France, Italy, Spain, Benelux, Brazil, and the United States. Goodman operates with more than 1,000 employees and 1,700 global customers across industries including e-commerce, logistics, retail, consumer goods, automotive, pharmaceutical and technology.

As one of the world's leading industrial property groups and the largest REIT listed on the Australian Securities Exchange, seeking Climate Active certification as a carbon-neutral organisation was a logical step for Goodman.

Goodman Group supports the Paris Agreement including the call for collective action to reduce global carbon emissions, shift towards a low emissions economy and limiting average global temperature rise to below 1.5°C. As a leading owner, developer, and manager of industrial real estate globally, we recognise the role we must play within our sector of transitioning towards a low emissions operating model.

*“ESG performance is as important as financial performance. We must do what we can to make a positive contribution towards a more sustainable future.”*

*Greg Goodman  
Group CEO*

We believe that a sustainable approach is not only good for the environment but makes good business sense. In doing so, Goodman has committed to addressing climate risk at the highest level of the organisation, to better understand and manage exposure to climate-related risks and identify meaningful mitigation responses and opportunities. Goodman has established several emissions-related targets under its 2030 Sustainability Strategy, which set the framework and operational response for Goodman to meet its carbon-related commitments. These targets include 400 MW (installed and committed) of solar by 2025, 100% renewable electricity across global operations by 2025, and carbon neutral operations by 2025 (achieved). This year, we have also had our 2030 emissions targets validated by Science Based Targets initiative and committed to achieving net zero emissions by 2050.

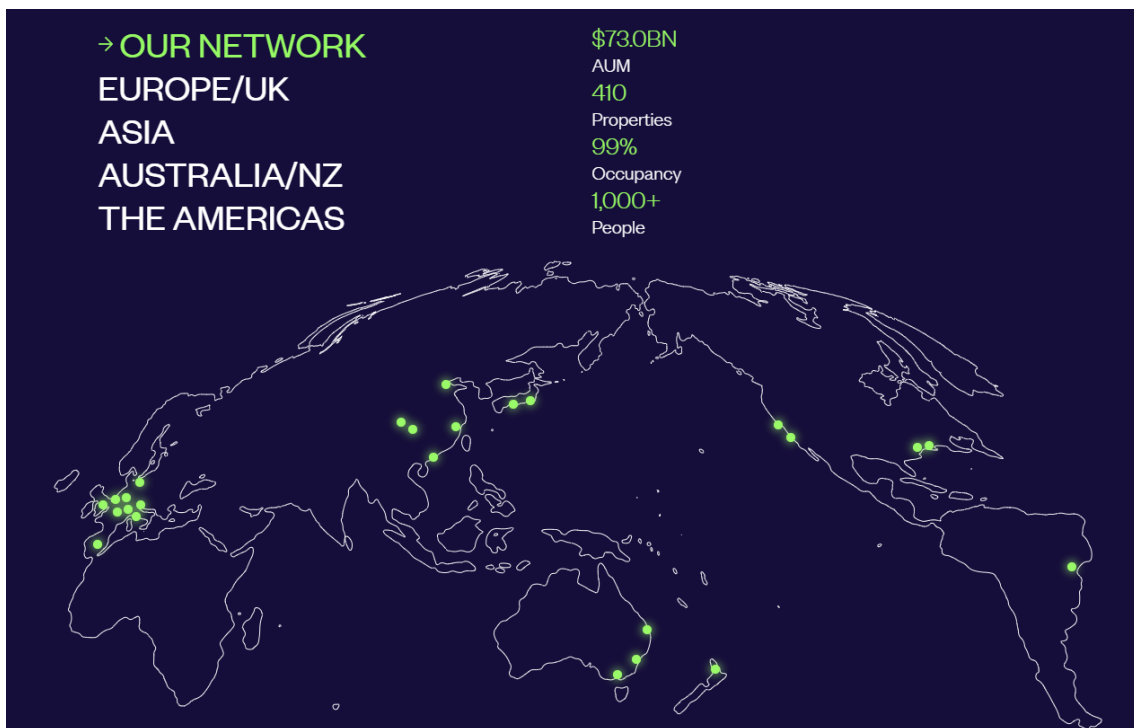
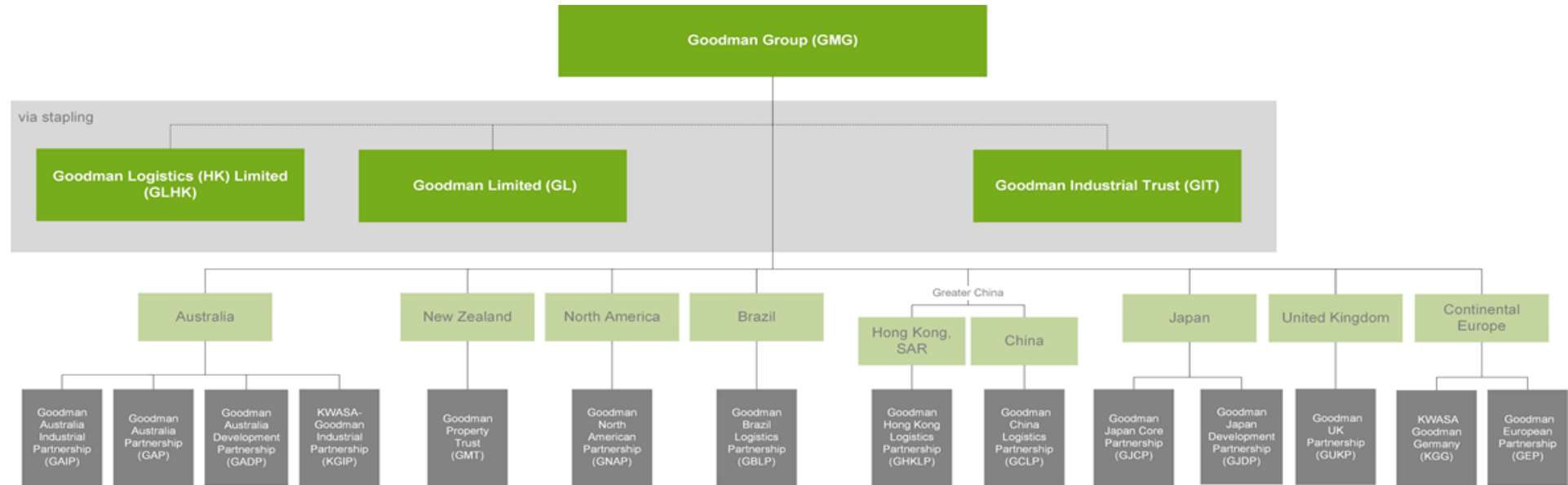


Figure 1 - Goodman Group global operating platform as of 30 June 2022 (currency in AUD)

## Corporate structure

Goodman is a triple-stapled entity comprised of the Australian company, Goodman Limited ('GL'), the Australian trust, Goodman Industrial Trust ('GIT') and the Hong Kong company, Goodman Logistics (HK) Limited ('GLHK'). Goodman manages a global network of 16 investment partnerships, providing access for Partners to invest alongside Goodman in the development of prime logistics and industrial properties in key markets globally. We partner with investor groups including sovereign wealth, pension and large multi-manager funds. These Partnerships maintain best practice governance with local teams responsible for all aspects of management.



The following subsidiaries / child companies are also included within this certification.

Legal entity name	ABN	ACN
Goodman Industrial Trust (GIT)	73 893 009 682	-
Goodman Logistics (HK) Limited ('GLHK')	ARBN - 155 911 149	-

## 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. It should be noted that international emissions sources are included within the boundary of this certification as these emissions arise due to the operations of the certified entity (Goodman Group).

**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.

The following are the emission sources excluded from Goodman's certification boundary as a carbon neutral 'organisation':

- Customer-controlled activities - All emissions from customer-controlled activities have been assessed as not relevant according to the relevance test. This includes electricity, stationary energy, waste, water, and any other emission source from tenants. Goodman's emissions boundary for certification under the Climate Active organisation standard includes only relevant emission sources where Goodman has operational control.
- Maintenance and repairs - Assessed as not relevant according to the relevance test and refers to Goodman's services rather than organisational emissions.
- Building embodied energy - Emissions relating to embodied energy within Goodman's development activities are excluded as they refer to Goodman's services rather than organisational emissions. Further, this emission source has been assessed as not relevant according to the Climate Active relevance test (1 of 5 criteria satisfied).

Inside emissions boundary		Outside emission boundary
<p><b><u>Quantified</u></b></p> <p>Natural Gas</p> <p>Transport fuel for Goodman fleet</p> <p>Stationary fuel</p> <p>Refrigerants</p> <p>Electricity in corporate offices</p> <p>Base building electricity in asset portfolio</p> <p>Waste (general &amp; recycling) in corporate offices</p> <p>Water in corporate offices</p> <p>Base-building water in asset portfolio</p> <p>Business travel – accommodation</p> <p>Business travel - train, taxi &amp; hire car</p> <p>Business travel - flights</p> <p>Employee commute</p> <p>Advertising, marketing, printing &amp; stationery</p> <p>Cleaning Services</p> <p>Data centres</p> <p>Entertainment IT equipment IT services</p> <p>Mailing services: parcels, postal and courier</p> <p>Telecommunications</p> <p>Working from Home</p>	<p><b><u>Non-quantified</u></b></p> <p>N/A</p>	<p><b><u>Excluded</u></b></p> <p>Customer operations</p> <p>Maintenance and repairs</p> <p>Building embodied energy</p>

**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

ESG is an integral part of Goodman's business strategy. Goodman make investment decisions based on strategic long-term thinking and operate with sustainability goals front of mind. As the Group has grown to become Australia's largest listed-property company, our commitment to ESG principles continues to shape our operations. Goodman has established several emissions-related targets under its 2030 Sustainability Strategy, which set the framework and operational response for Goodman to meet its carbon-related commitments. These include:

- Finalising our science-based emission reduction targets. Using 2021 as our baseline year, our 2030 targets have been validated by the SBTi as being aligned with the UN Paris Agreement's goal of 1.5°C. Our targets consider our Scope 1, Scope 2, and Scope 3 emissions.

Our science-based target commitments include:

- 42% reduction in absolute Scope 1 and Scope 2 GHG emissions. These include Goodman's electricity, fuel, and refrigerant emissions
- 50% sqm intensity reduction of Scope 3 GHG emissions, including indirect emissions generated during the use of our stabilised and sold assets.

Our targets were derived in collaboration with greenhouse gas accounting specialists using the SBTi methodology. As our ability to control our Scope 3 emissions is limited, collaboration with suppliers and customers will be important. We will also need to remain focused on factors like efficient design and the location of our properties, supply of onsite renewable energy, EV infrastructure, and our ability to influence our customers' own emission reduction commitments.

Our energy-related targets include:

- 400 MW of installed and committed solar by 2025, and
- Achieving 100% renewable electricity within our operations by 2025 through power-purchase agreements, renewable energy certificate schemes, and increasing our use of onsite solar energy.

## Emissions reduction actions

- A further 78 MW of solar PV installed or committed to during FY22. Taking Goodman's global installations to approximately 203MW.
- Achieved 100% renewable energy use Australia in FY22 and increased to approximately 65% globally.
- Maintaining carbon neutrality for our global operations in FY22. This includes emissions within our operational control and excludes embodied emissions from our developments and our customers' emissions. Financial year 2021 (1 July 2020 – 30 June 2021) was the baseline period and first year of certification. For the time being, carbon offsets are part of our transition to a lower carbon business. However, ongoing research and engagements with investors and supply-chain parties play an important role in enabling us to achieve our sustainability goals and rely less on offsets.

## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e
Base year/Year 1:	2020–21	52,962
Year 2:	2021–22	23,706

### Significant changes in emissions

Emission source	Current year (tCO <sub>2</sub> -e)	Previous year (tCO <sub>2</sub> -e)	Reason for change
Electricity (Australian operations)	0	28,579	Moved to 100% Greenpower in FY22
Electricity (China and Hong Kong)	9,846	10,603	Natural Disaster (COVID-19)
Electricity (Japan)	1,994	1,719	Organic Growth

### Use of Climate Active carbon neutral products and services

N/A

## 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 <sub>2</sub> -e)	Sum of Scope 2 (tCO <sub>2</sub> -e)	Sum of Scope 3 (tCO <sub>2</sub> -e)	Sum of total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	72.49	72.49
Cleaning and Chemicals	0.00	0.00	222.21	222.21
Data Centres	0.00	0.00	134.41	134.41
Electricity (Australia)	0.00	0.00	0.00	0.00
Electricity (overseas operations)	0.00	11636.79	550.43	12187.22
ICT services and equipment	0.00	0.00	1633.43	1633.43
Land and Sea Transport (fuel)	439.56	0.00	105.74	545.30
Office equipment & supplies	0.00	0.00	20.66	20.66
Postage, courier and freight	0.00	0.00	71.00	71.00
Professional Services	0.00	0.00	1364.31	1364.31
Refrigerants	1360.30	0.00	0.00	1360.30
Stationary Energy (gaseous fuels)	898.79	0.00	193.54	1092.33
Stationary Energy (liquid fuels)	112.73	0.00	4.32	117.05
Transport (Air)	0.00	0.00	347.32	347.32
Transport (Land and Sea)	293.65	0.00	575.73	869.38
Waste	0.00	0.00	2974.77	2974.77
Water	0.00	0.00	523.88	523.88
Working from home	0.00	0.00	169.41	169.41
<b>Grand Total</b>	<b>3,150.03</b>	<b>11,636.79</b>	<b>8,963.65</b>	<b>23,705.47</b>

## **Uplift factors**

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Not applicable - no uplifts have been applied.

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	2,290
2. Total emissions footprint to offset for this report (tCO <sub>2</sub> -e)	23,706
3. Total eligible offsets required for this report	21,416
4. Total eligible offsets purchased and retired for this report	21,419
5. Total eligible offsets banked to use toward next year's report	3

## Co-benefits

EXTRAORDINARY IMPACT

# OFFSET PROJECT CATEGORY OVERVIEW

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.

*The project meets the following Sustainable Development Goals*



COOL FIRE  
- AUSTRALIA -



## 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 (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	ACCU	ANREU	21/05/2021	<a href="#">3,800,460.687 - 3,800,503.867</a>	2019-20	0	43,181	40,891	0	2,290	10%
	ACCU	ANREU	10/01/2023	<a href="#">8,329,169.014 - 8,329,169.218</a>	2020-21	0	205	0	0	205	1%
	ACCU	ANREU	10/01/2023	<a href="#">8,329,321.865 - 8,329,321.989</a>	2020-21	0	125	0	0	125	1%
	ACCU	ANREU	10/01/2023	<a href="#">8,343,808.481 - 8,343,808.858</a>	2021-22	0	378	0	0	378	2%
	ACCU	ANREU	10/01/2023	<a href="#">8,329,322.690 - 8,329,325.439</a>	2020-21	0	2,750	0	0	2,750	12%
	ACCU	ANREU	10/01/2023	<a href="#">8,329,164.703 - 8,329,165.852</a>	2020-21	0	1,150	0	0	1,150	5%
	ACCU	ANREU	10/01/2023	<a href="#">8,344,312.400 - 8,344,312.400</a>	2021-22	0	1	0	0	1	0%
Central Arnhem Land Fire Abatement (CALFA) Project	ACCU	ANREU	10/01/2023	<a href="#">8,343,809.660 - 8,343,815.119</a>	2021-22	0	5,460	0	0	5,460	23%



Central Arnhem Land Fire Abatement (CALFA) Project	ACCU	ANREU	10/01/2023	<a href="#">8,343,815,120 - 8,343,816,110</a>	2021-22	0	991	0	0	991	4%
	ACCU	ANREU	10/01/2023	<a href="#">8,343,802,716 - 8,343,804,272</a>	2021-22	0	1,557	0	0	1,557	7%
	ACCU	ANREU	10/01/2023	<a href="#">8,343,800,317 - 8,343,802,715</a>	2021-22	0	2,399	0	0	2,399	10%
	ACCU	ANREU	10/01/2023	<a href="#">8,343,804,273 - 8,343,808,480</a>	2021-22	0	4,208	0	0	4,208	18%
	ACCU	ANREU	10/01/2023	<a href="#">8,343,808,859 - 8,343,809,659</a>	2021-22	0	801	0	0	801	3%
	ACCU	ANREU	10/01/2023	<a href="#">8,343,817,083 - 8,343,818,053</a>	2021-22	0	971	0	0	971	4%
South East Arnhem Land Fire Abatement (SEALFA) Stage 2	ACCU	ANREU	10/01/2023	<a href="#">8,329,087,628 - 8,329,087,826</a>	2020-21	0	199	0	0	199	1%
	ACCU	ANREU	10/01/2023	<a href="#">8,329,085,853 - 8,329,086,076</a>	2020-21	0	224	0	3	221	1%
<b>Total offsets retired this report and used in this report</b>										<b>23,706</b>	
<b>Total offsets retired this report and banked for future reports</b>										<b>3</b>	
<b>Type of offset units</b>			<b>Quantity (used for this reporting period claim)</b>			<b>Percentage of total</b>					
Australian Carbon Credit Units (ACCU)			23,706			100%					

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

# APPENDIX A: ADDITIONAL INFORMATION

**EVIDENCE**

## RETIREMENT CONFIRMATION

**OFFSET REF 1-4: ANREU Registry**  
 LINK TO REGISTRY: 3,800,790,927 - 3,800,797,502  
 3,800,740,123 - 3,800,745,122  
 3,800,770,432 - 3,800,770,926  
 3,800,460,687 - 3,800,503,867

**Australian National Registry of Emissions Units**

Transaction ID: AU18478  
 Current Status: Completed (4)  
 Status Date: 21/05/2021 12:52:19 (AEST)  
 21/05/2021 02:52:19 (GMT)  
 Transaction Type: Cancellation (4)  
 Transaction Initiator: Grant, Andrew William Thorald  
 Transaction Approver: Grant, Andrew William Thorald  
 Comment: Goodman Group has retired these carbon offsets to meet their Climate Active Carbon Neutral Commitment for the period FY2021.

Party	Type	Transaction Type	Original CP	Current CP	EEF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EEF102943					2019-20		3,800,290,927 - 3,800,297,502	6,376
AU	KACCU	Voluntary ACCU Cancellation			EEF102944					2019-20		3,800,743,123 - 3,800,745,122	2,000
AU	KACCU	Voluntary ACCU Cancellation			EEF102945					2019-20		3,800,270,432 - 3,800,270,926	494
AU	KACCU	Voluntary ACCU Cancellation			EEF102946					2019-20		3,800,460,687 - 3,800,503,867	43,181

**EVIDENCE**

## RETIREMENT CONFIRMATION

**OFFSET REF 1-2: Australian National Register of Emission Units**  
 LINK TO REGISTRY: SNB,343,809,660 - 8,343,815,119  
 SNB,329,169,014 - 8,329,169,218

**Australian National Registry of Emissions Units**

Transaction ID: AU29531  
 Current Status: Completed (4)  
 Status Date: 10/01/2023 16:03:07 (AEDT)  
 10/01/2023 06:03:07 (GMT)  
 Transaction Type: Cancellation (4)  
 Transaction Initiator: Lewis, Alexander John  
 Transaction Approver: Lewis, Alexander John  
 Comment: Offsets retired on behalf of Goodman Group's corporate emissions for the purposes of FY2022 Climate Active Carbon Neutral Organisation certification (SAP, GAP, GCLP, GHKL, GJCP, and GEP corporate emissions offsets have been retired separately).

Party	Type	Transaction Type	Original CP	Current CP	EEF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EEF100947					2021-22		8,343,809,660 - 8,343,815,119	5,460
AU	KACCU	Voluntary ACCU Cancellation			EEF100948					2020-21		8,329,169,014 - 8,329,169,218	205



EVIDENCE

# RETIREMENT CONFIRMATION

**OFFSET REF 1-2:** Australian National Register of Emission Units  
[LINK TO REGISTRY](#)  
 SNB 343,815,120 - 8,343,816,110  
 SNB 329,321,865 - 8,329,321,989

**Australian National Registry of Emissions Units**

Transaction ID: AU25632  
 Current Status: Completed (4)  
 Status Date: 10/01/2023 16:00:00 (AEDT)  
 Transaction Type: Cancellation (4)  
 Transaction Initiator: Lewis, Alexander John  
 Transaction Approver: Lewis, Alexander John  
 Comment: Offsets retired on behalf of Goodman Group's Continental European corporate operations for the purposes of FY2022 Climate Active Carbon Neutral Organisation certification.

Party	Role	Transaction Type	Original CP	Current CP	ESE Product ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Social Benefit	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EDF02047					2021-22		8,343,815,120 - 8,343,816,110	995
AU	KACCU	Voluntary ACCU Cancellation			EDF02045					2020-21		8,329,321,865 - 8,329,321,989	125

EVIDENCE

# RETIREMENT CONFIRMATION

**OFFSET REF 1-2:** Australian National Register of Emission Units  
[LINK TO REGISTRY](#)  
 SNB 343,802,716 - 8,343,804,272  
 SNB 329,087,628 - 8,329,087,626

**Australian National Registry of Emissions Units**

Transaction ID: AU25625  
 Current Status: Completed (4)  
 Status Date: 10/01/2023 14:35:33 (AEDT)  
 Transaction Type: Cancellation (4)  
 Transaction Initiator: Lewis, Alexander John  
 Transaction Approver: Lewis, Alexander John  
 Comment: Offsets retired on behalf of Goodman Australia Industrial Partnership (GAP) for the purposes of FY2022 Climate Active Carbon Neutral Organisation certification.

Party	Role	Transaction Type	Original CP	Current CP	ESE Product ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Social Benefit	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EDF10067					2021-22		8,343,802,716 - 8,343,804,272	1,557
AU	KACCU	Voluntary ACCU Cancellation			EDF10148					2020-21		8,329,087,628 - 8,329,087,626	199

EVIDENCE

# RETIREMENT CONFIRMATION

**OFFSET REF 1-2:** Australian National Register of Emission Units  
[LINK TO REGISTRY](#)  
 SNB: 343,808,461 - 8,343,808,858  
 SNB: 329,085,853 - 8,329,086,076

**Australian National Registry of Emissions Units**

Transaction ID: AU2028  
 Current Status: Completed (4)  
 Status Date: 10/01/2023 16:18:23 (AEDT)  
 Transaction Type: Cancellation (4)  
 Comment: Offsets retired on behalf of Goodman Australia Partnership (GAP) for the purposes of FY2022 Climate Active Carbon Neutral Organisation certification.

Party	Type	Transaction Type	Original CP	Current CP	ISE_Protocol_ID	NCR Facility ID	NCR Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EGF10262					2021-22		8,343,808,461 - 8,343,808,858	378
AU	KACCU	Voluntary ACCU Cancellation			ENF101524					2020-21		8,329,085,853 - 8,329,086,076	224

EVIDENCE

# RETIREMENT CONFIRMATION

**OFFSET REF 1-2:** Australian National Register of Emission Units  
[LINK TO REGISTRY](#)  
 SNB: 343,800,317 - 8,343,802,715  
 SNB: 329,322,690 - 8,329,325,439

**Australian National Registry of Emissions Units**

Transaction ID: AU2024  
 Current Status: Completed (4)  
 Status Date: 10/01/2023 14:34:42 (AEDT)  
 Transaction Type: Cancellation (4)  
 Comment: Offsets retired on behalf of Goodman China Logistics Partnership (GCLP) for the purposes of FY2022 Climate Active Carbon Neutral Organisation certification.

Party	Type	Transaction Type	Original CP	Current CP	ISE_Protocol_ID	NCR Facility ID	NCR Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EGF10262					2021-22		8,343,800,317 - 8,343,802,715	2,399
AU	KACCU	Voluntary ACCU Cancellation			EGF10265					2020-21		8,329,322,690 - 8,329,325,439	2,750

EVIDENCE

# RETIREMENT CONFIRMATION

**OFFSET REF 1-2:** Australian National Register of Emission Units  
[LINK TO REGISTRY](#)  
 SN8\_343,804,273 - 8,343,806,480  
 SN8\_329,164,703 - 8,329,165,832

**Australian National Registry of Emission Units**

Australian Government  
Clean Energy Regulator

Logged in as: Alexander Lewis / 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

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Transaction ID	AU29526
Current Status	Completed (4)
Status Date	19/01/2023 16:02:43 (AEDT)
	19/01/2023 04:02:43 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Lewis, Alexander John
Transaction Approver	Lewis, Alexander John
Comment	Offsets retired on behalf of Goodman Hong Kong Logistics Partnership (GHLP) for the purposes of FY2022 Climate Active Carbon Neutral Organisation certification.

Transferring Account		Acquiring Account	
Account Number	AU-3255	Account Number	AU-1068
Account Name	Tasman Environmental Markets Australia Pty Ltd	Account Name	Australia Voluntary Cancellation Account
Account Holder	Tasman Environmental Markets Australia Pty Ltd	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	EBL Product ID	NGER Facility ID	NGER Facility Name	Subsequent	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACU Cancellation			EQF20982					2021-22		8,343,806,273 - 8,343,806,480	4,208
AU	KACCU	Voluntary ACU Cancellation			EQF20985					2020-21		8,329,164,703 - 8,329,165,832	1,130

EVIDENCE

# RETIREMENT CONFIRMATION

**OFFSET REF 1-3:** Australian National Register of Emission Units  
[LINK TO REGISTRY](#)  
 SN8\_343,808,859 - 8,343,809,659  
 SN8\_343,817,083 - 8,343,818,053  
 SN8\_344,312,400 - 8,344,312,400

**Australian National Registry of Emission Units**

Australian Government  
Clean Energy Regulator

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### Transaction Details

Transaction details appear below.

Transaction Successfully Approved

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Transaction ID	AU29530
Current Status	Completed (4)
Status Date	10/01/2023 16:47:26 (AEDT)
	10/01/2023 04:47:26 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Lewis, Alexander John
Transaction Approver	Lewis, Alexander John
Comment	Offsets retired on behalf of Goodman Japan Core Partnership (GJCP) for the purposes of FY2022 Climate Active Carbon Neutral Organisation certification.

Transferring Account		Acquiring Account	
Account Number	AU-3255	Account Number	AU-1068
Account Name	Tasman Environmental Markets Australia Pty Ltd	Account Name	Australia Voluntary Cancellation Account
Account Holder	Tasman Environmental Markets Australia Pty Ltd	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	EBL Product ID	NGER Facility ID	NGER Facility Name	Subsequent	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACU Cancellation			EQF20981					2021-22		8,343,808,859 - 8,343,809,659	803
AU	KACCU	Voluntary ACU Cancellation			EQF20982					2021-22		8,343,817,083 - 8,343,818,053	971
AU	KACCU	Voluntary ACU Cancellation			EQF20985					2021-22		8,344,312,400 - 8,344,312,400	1

## APPENDIX B: ELECTRICITY SUMMARY

**Australian-based electricity emissions are calculated using a market-based approach.** Note non-Australian electricity emissions are not detailed within this section.

### *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 – Australian Emissions Only	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	22,892,313	0	100%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	4,258,554	0	19%
Residual Electricity	-4,243,097	-4,221,728	-19%
<b>Total grid electricity</b>	<b>22,907,770</b>	<b>-4,221,728</b>	<b>100%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>22,907,770</b>	<b>-4,221,728</b>	<b>119%</b>
Electricity renewables	27,150,867	0	
Residual Electricity	-4,243,097	-4,221,728	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> -e)		0	

<b>Total renewables (grid and non-grid)</b>	<b>118.52%</b>
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<b>Mandatory</b>	<b>18.59%</b>
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<b>Voluntary</b>	<b>99.93%</b>
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<b>Behind the meter</b>	<b>0.00%</b>
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<b>Residual Electricity Emission Footprint (tCO<sub>2</sub>e)</b>	<b>0</b>
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*Figures may not sum due to rounding. Renewable percentage can be above 100%*

## Location Based Approach Summary

Location Based Approach – Australia Emissions Only	Activity Data (kWh)	Scope 2 Emissions (kgCO <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
ACT	0	0	0
NSW	20,111,003	15,686,582	1,407,770
SA	24,891	7,467	1,742
VIC	2,077,371	1,890,408	207,737
QLD	694,505	555,604	83,341
NT	0	0	0
WA	0	0	0
TAS	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>22,907,770</b>	<b>18,140,061</b>	<b>1,700,590</b>
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
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>22,907,770</b>	<b>18,140,061</b>	<b>1,700,590</b>
<b>Emission Footprint (tCO<sub>2</sub>-e)</b>	<b>19,841</b>		
<i>Scope 2 Emissions (tCO<sub>2</sub>-e)</i>	18,140		
<i>Scope 3 Emissions (tCO<sub>2</sub>-e)</i>	1,701		

## Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> -e)
NA	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. 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.

N/A – no non-quantified emission sources within the emissions boundary for this reporting period.

## 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.
  - Emissions from customer operations, maintenance and repairs and building embodied emissions have been excluded. Tenant/customer operations are not under Goodman's operational control, while the other two emission sources 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?
Customer operations	Yes	No	No	No	No	No
Maintenance and repairs	No	Yes	No	No	No	No
Building embodied energy	Yes	No	No	No	No	No



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