



PUBLIC DISCLOSURE STATEMENT


BASSIKE HOLDINGS PTY LTD

**PRODUCT CERTIFICATION
FY2022–23**

Australian Government
Climate Active
Public Disclosure Statement

bassike



NAME OF CERTIFIED ENTITY	Bassike Holdings PTY LTD
REPORTING PERIOD	1 July 2022 – 30 June 2023 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>Name of signatory <i>Deborah Bernie</i> Position of signatory <i>CEO/COO</i> Date <i>04/06/24</i></p>



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

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Version: August 2023



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	170 tCO ₂ -e
THE OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	12.3%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	14/01/2021 Sarah Colquhoun Pangolin Associates Next technical assessment due: FY2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2022 to 30 June 2023 and covers all jersey garments under the Hero range by BASSIKE HOLDINGS PTY LTD, ABN: 12 612 461 453

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

Product/Service description

The functional unit for the carbon neutral certification is 250 grams of cotton of the Jersey range with final emissions reported as kg CO₂-e/250g of Cotton.

This assessment applies full coverage to all jersey products manufactured during the reporting period and is measured using a cradle to gate approach due to limited influence over how long a customer will wear the product and how it will be disposed.

100% of the organisation emission sources relevant to the product are covered in Bassike's Organisation certification (separate parent submission).

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 'attributable processes' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable 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

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Cotton Yarn
Electricity
Natural Gas
Water
Freight (Air, Road & Sea)
Waste (Landfill & Recycling)

Non-quantified

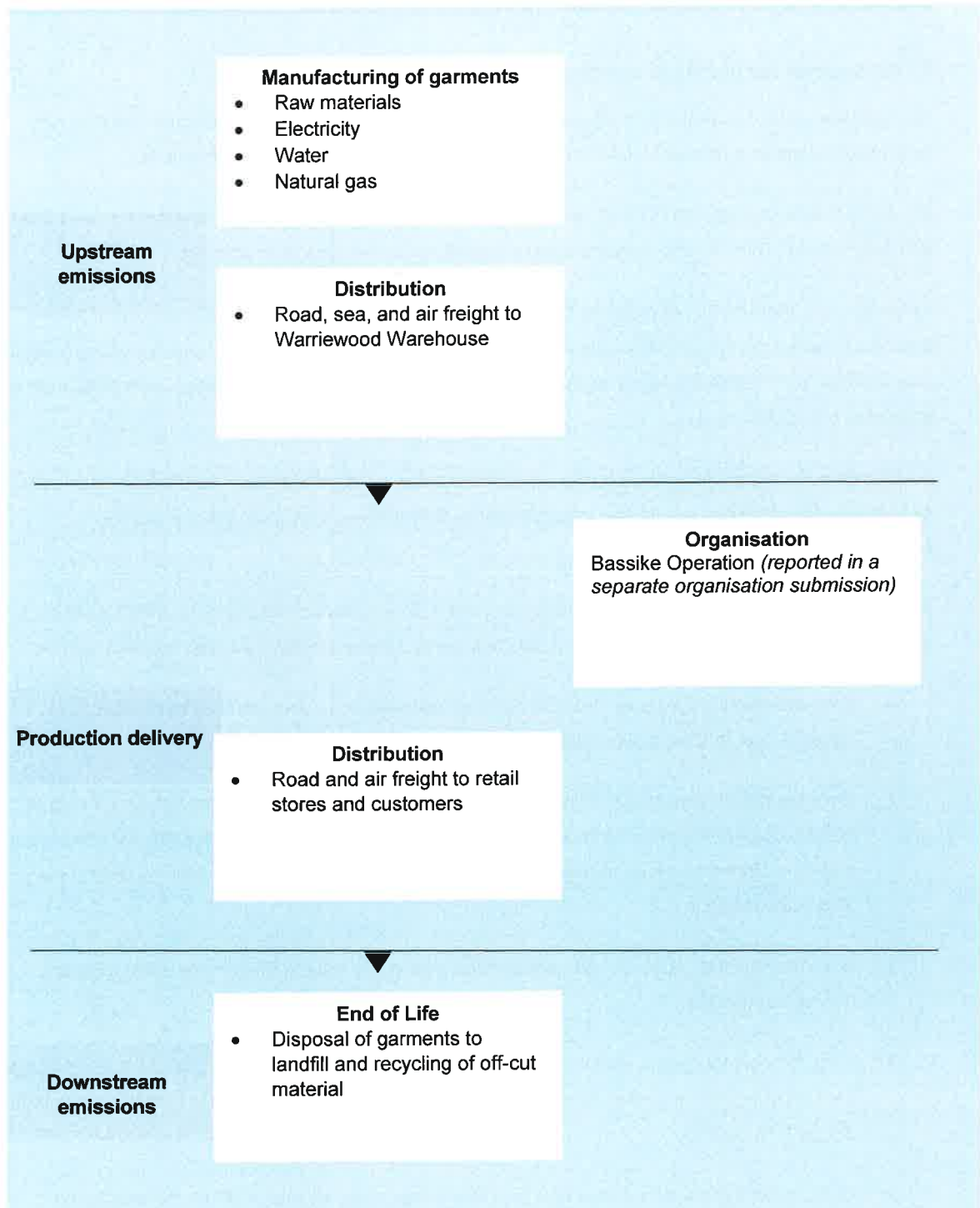
Organisation (reported in a separate organisation submission)

Accommodation & Facilities
Air Transport
Cleaning & Chemicals
Electricity
Employee Commute
Food
ICT Services & Equipment
Office Equipment &
Supplies
Packaging
Staff Clothing
Furniture
Taxis & Ridesharing
Transport Fuels
Working From Home
Waste (Landfill &
Recycling)

Outside emission boundary Non-attributable

Customer use and
disposal of garment

Product/service process diagram



4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Our emission reduction strategy commenced in 2020, when we undertook our first commitment in our responsible business pathway to measure, manage and minimise our on-going emissions.

We actively seek to understand social, environment and economic risk and impacts within our organisation and supply chain. We strive to deliver a holistic approach with our long-term partners.

As an industry, there is a lot of progress to make if we are to meet the fashion sector's target of halving greenhouse gas emissions by 2030 and becoming Net Zero by 2050. At Bassike, we are working towards industry standards and reducing our emissions by half of all Scope 1, 2, and 3 emissions by 2030 from a base year of FY2020..

To support our emission reduction strategy, we have created an internal system that ranks products and its sustainability attributes across, low impact material, renewable energy factories and ethical manufacturing practises.

Beyond our current reporting period we will work on the following reduction strategies: As we continue to understand our organisational footprint and will continue to develop strategies across the organisation.

- Over the next four years we will work to move our head office and warehouse facilities from Green Power to solar power reducing our Scope 2 emissions even further.
- Over the next four years we will work with our third-party freight partners to reduce our overall freight volume through freight consolidation and choose better freight routes that will reduce our carbon footprint – such as transitioning air freight to sea freight where possible to reduce our Scope 3 emissions.
- Over the next four years we will transition our internal car fleet to Electric Vehicles, reducing Scope 1 emissions.
- Over the next four years we will continue our work with our external local manufacturing partners to drive raw material waste solutions to drive zero waste factories, reducing landfill, reducing our Scope 3 emissions.
- Over the four years we will continue to work with raw material selection and manufacturing partners to innovate sustainable products and move towards lower impact materials, reducing our Scope 3 emissions.
- Over the four years we will continue to develop circular economy practices into our organisation to reduce landfill across finished garments and raw materials reducing our Scope 3 emissions

We will continue to participate in climate action initiatives, as well as actively seeking to develop new partnerships that will support the innovation needed to reach Net Zero.

Emissions reduction actions

Bassike's FY23 reduction actions are outlined

Throughout the 4 year reporting period there have been many factors that have impacted us. Like many businesses COVID meant new ways of working and Supply Chain disruptions understanding normalised business operations has been tested. However, each year has given us the opportunity to further understand our impact and make changes where possible,

- Product, Materials & Equipment we saw a reduction of 78% from baseline. This was due to the previous year's increase in yarn purchasing to mitigate any supply chain disruption. In FY23 we reduced our stock holding to a normalised number.
- Postage Couriers & Logistics, the reduction 83.1% was significant due to the reduction in freighting our yarn stock. This is in direct connection with the reduction of Materials as above.
- Waste, over the past 2 years has reduced by -96.6% on Base Year due to the implementation of our waste program with Blocktexas. This is where we divert excess raw materials from landfill.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e	Emissions intensity of the functional unit
Base year:	2020–21	472.8	2.63
Year 1:	2021–22	445.0	4.62
Year 2:	2022–23	169.1	2.90

Significant changes in emissions

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
MVS organic (kg)	265.3	42.3	Reduced production in FY2023, majority of sales from stock
Road Freight (diesel van)	31.3	18.4	Reduced production in FY2023, majority of sales from stock

Use of Climate Active carbon neutral products and services

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

Certified brand name	Service used
Origin	Electricity

Emissions summary

Stage / Attributable Process / Source	tCO ₂ -e
Cotton Yarn	42.3
Electricity (Australian Garment Factories)	65.8
Natural Gas (VIC Garment Factories)	0.1
Water (VIC Garment Factories)	10.3
Water (NSW Garment Factories)	3.8
Road Freight (diesel van)	18.4
Cargo Ship (General cargo)	3.1
Waste - Textiles	1.9
Labels and Tags	23.5

Emissions intensity per functional unit (kgCO ₂ -e/250g cotton unit)	2.90
Number of functional units to be offset (250g cotton unit)	58,308
Total emissions to be offset (certified) (tCO ₂ -e)	170

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 170 t CO₂-e. The total number of eligible offsets used in this report is 170. Of the total eligible offsets used, 0 were previously banked and 170 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

Bundled Solar Power Project by Solararise India Projects PVT. LTD

This project generates clean electricity through solar energy, a renewable resource. The project is a bundled activity which includes the installation of a 120 MW solar project in various states of India through SPVs.

Key Highlights:

- Over the first 10 years of the project, it will replace greenhouse gas emissions estimated to be approximately 213,089 tCO₂e per year.
- It will displace 220,752 MWh/year worth of electricity from thermal/fossil fuel-based power plants connected to the Indian grid.
- This project is contributing to India's goal of generating 40% of its electricity through renewable resources by 2030. This project is important because it promotes the use of renewable energy, reduces greenhouse gas emissions, and contributes to India's sustainable development goals. By displacing electricity generated from fossil fuels, it helps reduce the country's dependence on non-renewable resources while increasing access to clean energy.

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 (%)
Bundled Solar Power Project by Solararise India Projects PVT. LTD	VCU	Verra	1 Feb 2024	10730-245085861-245085830-VCS-VCU-997-VER-IN-1-1762-26042018-31122018-0	2018	0	170	0	0	170	100%
Total offsets retired this report and used in this report											170
Total offsets retired this report and banked for future reports											0
Type of offset units					Eligible quantity (used for this reporting period)			Percentage of total			
Verified Carbon Units (VCUs)					170			100%			

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

N/A.



APPENDIX A: ADDITIONAL INFORMATION

N/A.

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)	0	0	0%
GreenPower	0	0	0%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	15,949	0	16%
Residual Electricity	84,158	80,371	0%
Total renewable electricity (grid + non grid)	15,949	0	16%
Total grid electricity	100,107	80,371	16%
Total electricity (grid + non grid)	100,107	80,371	16%
Percentage of residual electricity consumption under operational control	0%		
Residual electricity consumption under operational control	0	0	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	
Residual electricity consumption not under operational control	84,158	80,371	
Scope 3	84,158	80,371	

Total renewables (grid and non-grid)	15.93%
Mandatory	15.93%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	0.00
Residual scope 3 emissions (t CO₂-e)	80.37
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	65.78
Total emissions liability (t CO₂-e)	65.78

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	0%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
ACT	0	0	0	0	0	0
NSW	34,778	0	0	0	34,778	27,475
SA	0	0	0	0	0	0
VIC	65,329	0	0	0	65,329	60,103
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	100,107	0	0	0	100,107	87,577
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	100,107					

Residual scope 2 emissions (t CO ₂ -e)	0.00
Residual scope 3 emissions (t CO ₂ -e)	87.58
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	73.53
Total emissions liability	73.53

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
Origin Go Zero	50,912	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market based method is outlined as such in the market based summary table.		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as attributable, 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	Justification reason
N/A	

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
N/A			

Organisation related emissions are reported in a separate parent organisation, hence excluded from this product submission.

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 EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

1. **Size** The emissions from a particular source are likely to be large relative to other attributable emissions.
2. **Influence** The responsible entity could influence emissions reduction from a particular source.
3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.
4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.
5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

Non-attributable emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Customer use and disposal of garment	Y	N	N	N	N	<p>Size: The emissions source could be material compared to other attributable emissions.</p> <p>Influence: We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our product/service.</p> <p>Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product/service.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable products/services do not typically undertake this activity within their boundary.</p>



An Australian Government Initiative

