



PUBLIC DISCLOSURE STATEMENT

ETEX AUSTRALIA PTY LTD

**SINIAT METAL OPT-IN PRODUCTS
PRODUCT CERTIFICATION**

FY2022-23

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Etex Australia Pty Ltd
REPORTING PERIOD	1 July 2022 – 30 June 2023
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>Rob Verguizas Country Manager Australia 19th January 2024</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	1156 tCO2-e
THE OFFSETS USED	25% ACCUs, 75% VERs
RENEWABLE ELECTRICITY	n/a
TECHNICAL ASSESSMENT	Date: 2022/2023 Name: Dr Paul Adams Organisation: Carbon Intelligence Pty Limited Next technical assessment due: 2024/2025

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2. CARBON NEUTRAL INFORMATION

Description of certification

The certification covers opt-in Siniat metal products from our range manufactured by Etex Australia at the Brisbane (Beenleigh) plant.

The Siniat Metal Range certified includes Wall Framing Systems (Stud, Track, Track DH, Track, Flexible, Track Nogging), Acoustic Stud, Concealed Ceiling System, Beads and Finishing Sections, Clips and Accessories, and the Interhome H-stud.

Product/Service description

Siniat Metal light weight framing systems are used within all types of residential and commercial construction, from homes through to offices, hospitals and schools. Stud and track is available in different profiles, lengths, and Base Metal Thicknesses (BMT), which are selected depending on project performance needs, and is sold in lineal metres (m).

The product certification includes:

- Opted-in products from the Siniat Wall Framing Systems (Stud, Track, Track DH, Track, Flexible, Track Nogging), Acoustic Stud, Concealed Ceiling System, Beads and Finishing Sections, Clips and Accessories, and the Interhome H-stud.
- The functional unit for Climate Active Carbon Neutral Opt-in Siniat Metal is kg CO₂-e per kg of Siniat metal product sold;
- The customer must opt-in for the products;
- The certification is cradle to grave.

Siniat Metal products are manufactured on different product lines, to conform with product specifications. The products being certified are made of BlueScope Zinalume[®]AM 150 steel (in G300 and G550 tensile strengths) BMT from 0.5 up to 1.15. BlueScope aluminium-zinc-magnesium metallic coated products are produced using a world-leading, patented coating technology delivering a better quality, longer lasting performance for ZINCALUME[®] AM150 steel. BlueScope products are known for their quality and reliability, which contribute to durable buildings.

Read our Product Disclosure Summary for our certified plasterboard range [here](#)

“Our Climate Active certification is a cornerstone of our sustainability vision: to put sustainability at the heart of everything we do. We support this vision by working towards a carbon neutral future, by being responsible for our operational footprint, and by respecting and caring for our teammates, our customers and our community.”

Read about our products, their benefits and applications on our website siniat.com.au/

About the organisation

Siniat products are manufactured by Etex Australia, part of the global Etex Group. Etex Australia manufactures plasterboard, compounds and light weight metal systems in Australia and distributes products to the building industry through a network which includes independent distributors and company owned stores. Our manufacturing plants operate under systems which are certified to ISO 14001 Environmental, ISO 45001 Health and Safety and ISO 9001 Quality Management Standards.

3. EMISSIONS BOUNDARY

Inside the emissions boundary

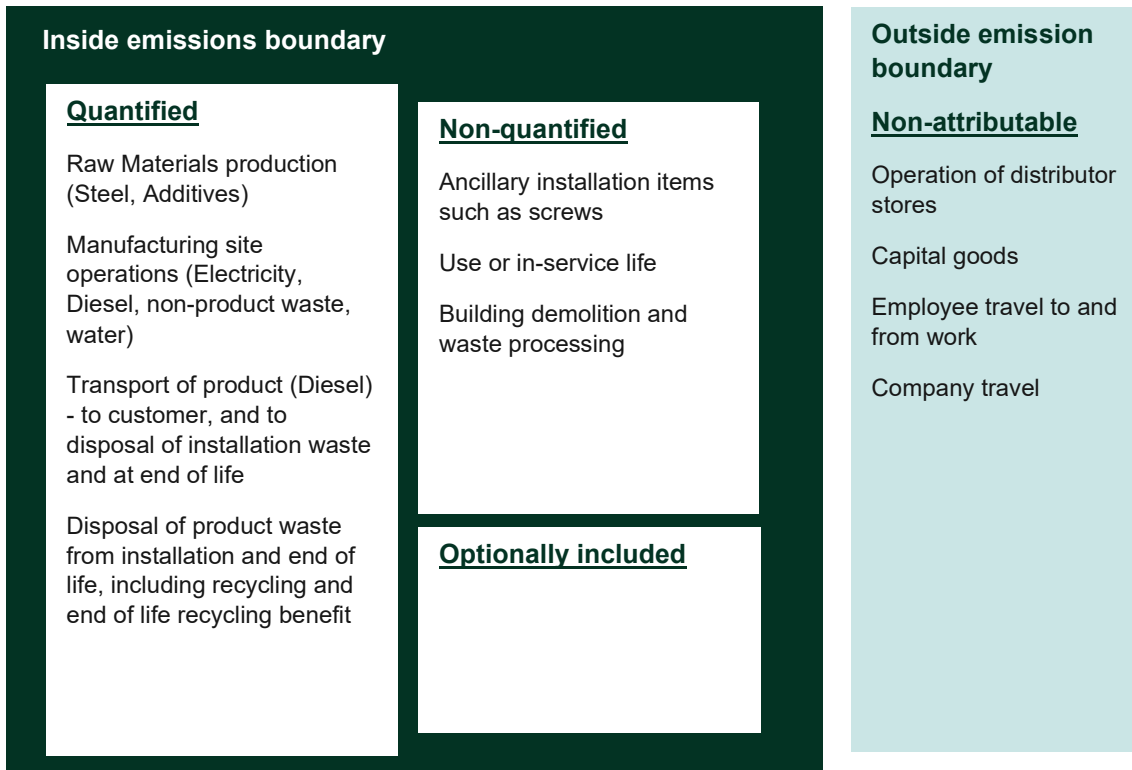
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

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.

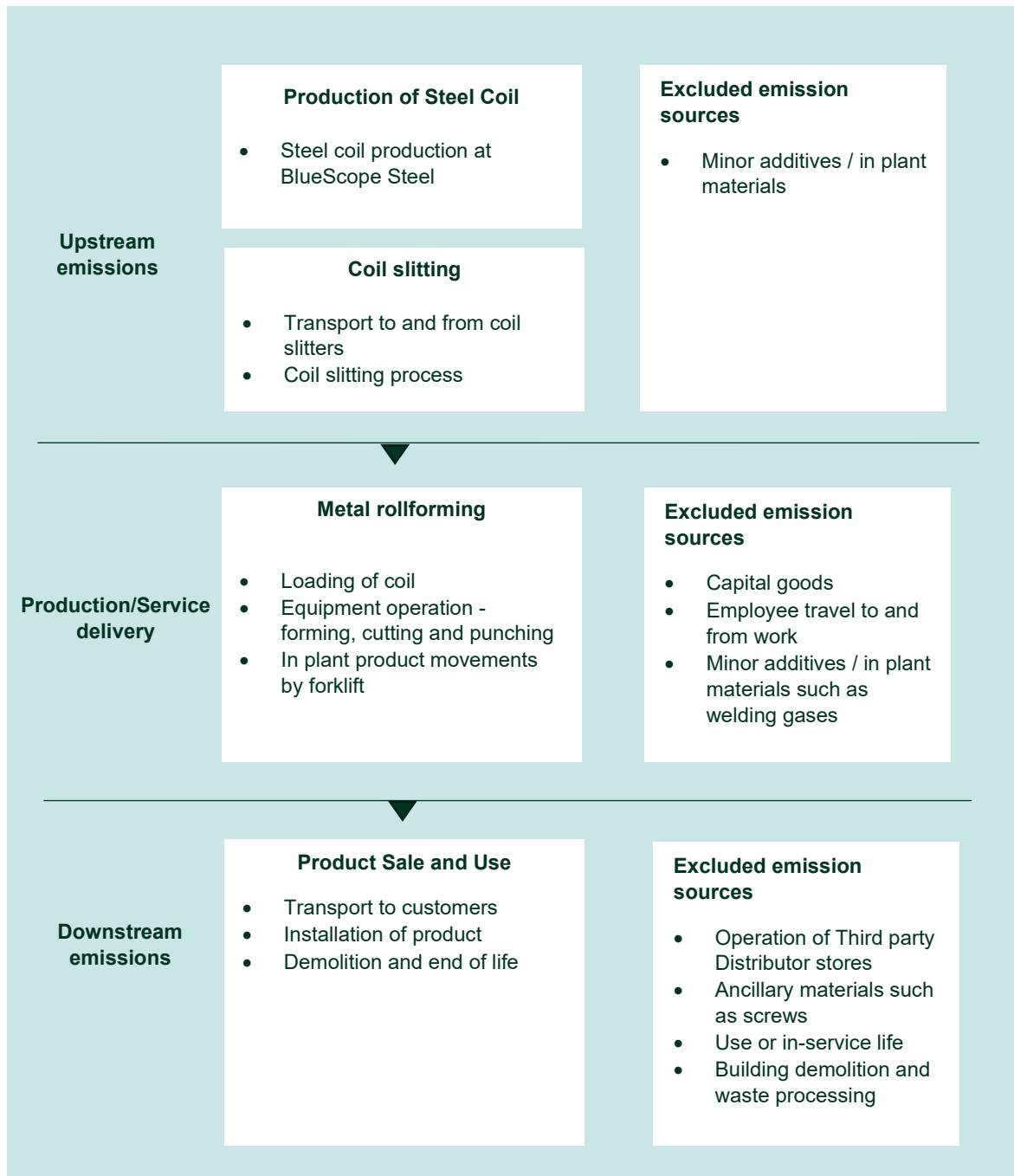
Non-quantified emissions have been assessed as attributable and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

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.

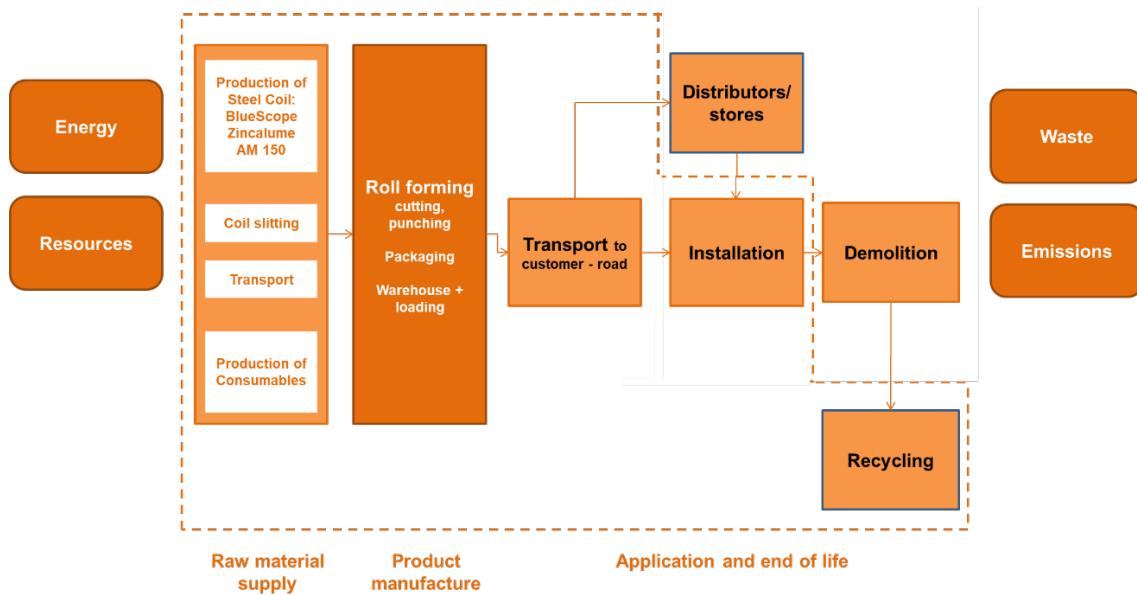


Product/service process diagram



Raw material supply

This includes the steel production at BlueScope Steel from raw and recycled materials, including the extraction of raw materials and transport to the steel manufacturing site. Also included are the production of consumables used in the Beenleigh Plant process, coil slitting, and the transport by road of coil steel to coil slitters and from coil slitters to Beenleigh Plant.



Product manufacturing

The manufacturing of the metal profiles starts with loading of metal coil to individual production lines, then forming, cutting and punching, stacking and packing of the products, and transfer into the warehouse. Grid electrical power is used to operate the production lines, and forklifts powered by diesel fuel move the coil and finished goods around the site.

Product use

Metal packs are then transported to the construction site by road transport (trucks). Metal products are mostly installed manually with use of power tools. Ancillary materials such as screws are not included within the system. The use or in-service life of the product is not covered, as the installed system is a passive building product, requiring little maintenance.

End of life

This phase includes the transport of the metal at end of life to recycling or to landfill, the processing of the steel scrap, and a benefit for the recycled steel at end of life is included.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Etex Australia is committed to a carbon neutral future, forming one of our three local sustainability pillars in our vision to ***bring sustainability to the heart of everything we do***:

- We are responsible for our operational footprint
- We work towards a carbon neutral future
- We respect and care about our teammates, our customers, and our community

As part of the Etex Group, our purpose is to inspire ways of living, and we are building our future on product and service solutions that support the transition towards a sustainable society and economy.

Our emissions reduction targets for the entire Etex Australia organisation are:

- By 2030, to reduce GHG emissions intensity for Scope 1 and 2 by 35% when compared to a 2018 baseline

About the Global Etex Group

The Global Etex Group is headquartered in Belgium. To face the world's critical needs for sustainable and qualitative living spaces, global building material manufacturer and pioneer in lightweight construction Etex has pledged to be an agent of change in the sustainable building sector. Next to its intrinsically sustainable portfolio, Etex is doing more by setting clear ambitions for the next eight years across five priority areas: health, safety and well-being; decarbonisation; circularity; diversity, equity, and inclusion; and customer engagement. Etex's 2022 Integrated Annual Report is [accessible here](#).

The global Etex Group has sustainability and innovation as one of its 4 key strategic pillars. The Group is committed to reaching net zero carbon impacts by 2050 at the latest through a reduction of energy consumption and a shift in energy sources and technologies on a global scale. Achievements to date include:

- Progress on the Road to Sustainability 2030, a clearly articulated roadmap to support the Group's decarbonization ambitions as well as broader sustainability goals.
- Transitioning to renewable electricity for operations: in 2022, the Etex Group's percentage of its worldwide purchased electricity from renewable sources was 74%.
- Alternative solutions for thermal energy demands: selecting less carbon-intensive fuels, investigating the replacement of natural gas with biomass and solid residual fuel from internal waste.
- Continuous improvements in energy reduction and efficiencies: such as with Energy Working Groups, which assess opportunities to change or optimise processes or equipment to reduce energy consumption and to allow the use of energy types with smaller environmental footprints.

Etex Australia's emissions reductions strategy

Etex Australia, the manufacturer of [Siniat products in Australia](#), has taken a cradle-to-grave approach in formulating our emissions reduction strategy. Specifically:

- Taking further reduction actions on emissions within our operational control
- Continuing our progress in developing strategies to leverage upstream and downstream emissions reduction potential.

Emissions within our operational control – production gate to gate

Of the activities under our operational control (or gate to gate), the most significant contribution to emissions from processes at the Beenleigh manufacturing plant is the use of electricity in the rollforming stage. Emissions reductions actions planned include:

- Transitioning to 100% renewable electricity sourcing for all manufacturing and distribution sites.

As the major energy source used on Beenleigh site is electricity, successful implementation of these projects would result in eliminating the majority of the carbon emissions associated with our metal rollforming operations, production gate to gate.

Emissions in our value chain – upstream and downstream

As we have taken a cradle to grave approach with our opt-in program, changes in our emissions from upstream and downstream can have a significant impact on our overall total carbon footprint. This includes changes in emissions factors from raw materials, changes in customer project locations changing the transportation distance mix, as well as changes in end-of-life outcomes for products.

For the Siniat Metal Range, in terms of the actual manufacturing process cradle to grave, the largest component of the carbon account is due to the manufacture of the steel. Carbon data has been provided by BlueScope for use within the Climate Active reporting, to account for the emissions related to the manufacture of steel, recycling and recycling credit at the end of life of the products.

During the current reporting period, we completed our review of our carbon model LCA i-tool for Climate Active Reporting with our consultants thinkstep-anz, which has included the update of data from BlueScope steel, as well as revision of assumptions underpinning the model. Please refer to Section 5 regarding changes in emissions as a result of this review.

Downstream, we continue to work with our customers to reduce emissions, as well as providing solutions that meet their sustainability ambitions and requirements such as under the GBCA GreenStar program:

- Provide solutions to our customers tailored specifically to their projects, dematerializing the amount of materials whilst still delivering the performance required
- As well as manufacturing in a range of product lengths, we also manufacture product to custom sizes to minimise the amount of product offcuts on construction sites.

Emissions reduction actions

For this reporting period, emissions reduction actions continued to focus on reducing scrap from our production process; which improves both our efficiency in raw material consumption, and energy efficiency specifically the intensity of electricity consumption. Overall, since the base year of reporting (2016-17):

- The average % scrap waste from production has reduced by 55%
- The intensity of electricity consumption within the Beenleigh production operations has decreased by more than 30%. Over the last year, Beenleigh has replaced and upgraded all its factory lighting with LED lights with intensity control. This has enabled the factory to reduce energy consumption. Additionally, Beenleigh has worked on its air leakages reduction.

Scope 3 emissions not related to product LCA

Emissions such as company travel or similar are traditionally considered as being outside the scope of a product LCA. However, we have decided to take voluntary action on reducing these emissions.

- Company travel: travel has increased since the last reporting period; however has not returned to pre-COVID levels. This is thanks to our travel policy to avoid company travel unless necessary or where the work cannot be conducted successfully via virtual means. Where it is not possible to avoid travel, we continue our commitment to offsetting these emissions.
- Company vehicles: fuel consumption by Siniat operated sales and distribution vehicles will also be offset, and is it our commitment that over time the fleet will be replaced by renewably powered vehicles.
- Siniat Retail and Distribution centres: Etex operates 7 distribution warehouses and retail stores across Australia. The electricity to operate these sites will be transitioned to renewable sources and until finalised, offsets will be purchased.

Refer to Appendix A for details of these offset purchases.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Original base year & model		Recalculated base year & revised model	
		Total tCO ₂ -e	Emissions intensity of the functional unit	Total tCO ₂ -e	Emissions intensity of the functional unit
Base year & Year 1:	2016-17	No Opt-in during Base Year	0.00154	n/a	0.00262
Year 2:	2017-18	No product purchased under the opt-in program			
Year 3:	2018-19				
Year 4:	2019-20				
Year 5:	2020-21	52	0.00147	91	0.00256
Year 6:	2021-22	193	0.00146	338	0.00248
Year 7:	2022-23	n/a	n/a	1156	0.00204

Significant changes in emissions

In this reporting period, there was a significant change in the total emissions related to the product sold under the opt-in program: 1156 tCO₂e compared with 193 tCO₂e from the previous period. This change is due to the increased quantity of product purchased under the opt-in program of 567,465 functional units in 2022-23, compared with 132,486 in the previous reporting period 2021-22. This change in the total emissions is due to the increased opt-in volume, and not due to significant changes in operations.

During this reporting period, our bespoke GaBi Envision Carbon LCA i-tool for Siniat Metal was also updated. This resulted in a reduction in the emission factor of our major source raw material, Zinalume AM150 (with various base metal thickness ranging between 0.3mm – 1.5mm) from BlueScope Steel; due to the update of their carbon and LCA data and emissions reduction actions from their decarbonisation program. However, during the review of this model by our consultants thinkstep-anz, it was identified that there was an error in the original modelling. Specifically, in the end-of-life modelling where rather than crediting for generic steel after recycling, the model credited the manufactured framing product. This approach was flawed because the product after recycling is crude steel which must still be manufactured into a finished product. As a result, the carbon emissions of the recycling credit were calculated too high, meaning that the carbon footprint of the product from cradle-to-grave was too low. This has now been corrected in the LCA i-tool model and a recalculation performed for the baseline year 2016-17 and subsequent reporting periods.

After completing this review, we decided to true-up the emissions for opt-in metal products sold during this time, and have purchased and surrendered offsets for these historical emissions. This accounted to be an additional 184 T CO₂e and has been added as a supplementary table in this report under Section 6. This recalculation provides us with a complete picture of our historical emissions.

During the next reporting period, we will review aligning our Climate Active inventory reporting further to align with the latest LCA/EPD methodology, including consideration of the EPD pathway for future reporting.

Use of Climate Active carbon neutral products and services

No Climate Active carbon neutral products/services used in this reporting period.

Emissions summary

Emission source category	tCO ₂ -e
The following emissions source categories were included in determining the carbon footprint: Energy used for plasterboard manufacturing operations (Natural gas and electricity); Fuels for plant equipment (diesel, CNG and LPG) Transport and stationery use; Raw materials (Gypsum, Plasterboard Liner Paper, Additives, Water), Waste to landfill (non-product, plant); Diesel (transport product all stages), Product waste to landfill - gate to grave; Packaging waste; Company vehicles*	1156

* Displayed as total due to commercial sensitivity of category data.

Emissions intensity per functional unit	0.00204
Number of functional units to be offset	567,465
Total emissions to be offset	1156

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 1156 t CO₂-e. The total number of eligible offsets used in this report is 1156 t CO₂-e. Of the total eligible offsets used, 466 t CO₂-e were previously banked and 690 t CO₂-e were newly purchased and retired. 1158 t CO₂-e are remaining and have been banked for future use.

Co-benefits

Etex Australia has continued to support two projects this year to support under our offsets program, in alignment with our offsets strategy:

- A strong social responsibility aspect, such as improvements for communities and individuals
- Replace carbon intensive energy use with renewable energy sources
- Projects preferably located in the Asia Pacific Region and within Australia
- Alignment with the UN Sustainable Development Goals prioritised by Etex.

Mount Mulgrave Savanna Fire Management (ACCU)

Savanna fire is a major source of global greenhouse gas (GHG) emissions in Australia, contributing to around 3% of the country's annual GHGs. By strategically planned burning of savanna areas, the Mount Mulgrave project, located in North Queensland, aims to significantly reduce the risk of rampant wildfires spreading across the region in dry season.

SDG 13 Emissions reductions: 2,300 T CO₂e avoided annually through preventative fire practices

SDG 15 Life on Land: 280,728 hectares of landscape protected each year

SDG 17: Partnerships promoted through working with local landowners.

Prony and Kafeete Wind Power project in New Caledonia (VERs Gold Standard)

Small nations like New Caledonia in the South Pacific are exposed to climate change with many already experiencing the impacts of rising tides and damaging storms. The Wind Farms use world-class technology to provide New Caledonia with sustainable energy to combat climate change, whilst also addressing social issues:

SDG 7 Affordable and clean energy: 40,000 MWh generated annually, providing a clean alternative to fossil fuels

SDG 8: 26 jobs created stabilizing incomes and boosting the local economy

SDG 9: technological knowhow shared with the region and contributing to the development of New Caledonia's wind energy sector

SDG 13: Climate action: 36,000 t CO₂e mitigated on average annually, directly contributing to climate change reduction.

Small Scale renewables: 10mw Nedunkulam Solar PV Project in Sri Lanka (VERs Gold Standard)

Whilst not used within the Climate Active certification, another project was supported as part of our voluntary action.

Sri Lanka has abundant renewable energy potential, including solar and wind. However most small scale solar and wind projects are not attractive to investors due to low return on investment. Thanks to carbon finance, this project makes small-scale renewable energy projects throughout the country viable. This project involves implementation of small-scale solar and wind project (CPA) to avoid the emissions of Carbon Dioxide to the atmosphere from the fossil fuel based power generation that would have otherwise been implemented to supply electricity to the people.

SDG 7 Affordable and clean energy: 78,000 MWh generated on average annually to Sri Lanka's national grid

SDG 8: 94 jobs created for the operation and construction of the power plants

SDG 13: Climate action: 59,000 t CO₂e reduced on average annually, directly contributing to climate change mitigation.

Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Mount Mulgrave Savanna Fire Management ERF102090	ACCUs	ANREU	23 October 2023	8,347,911,939 - 8,347,912,238	2022-23		300	0	10	290	25%
Prony and Kafeate wind-farms, New Caledonia (300344) (GS566)	VERs	Gold Standard Impact Registry	19 October 2023	GS1-1-NC-GS566-12-2016-19149-31783-32462 #	2016		466 #	0	0	466 #	75%
				GS1-1-NC-GS566-12-2015-5967-13189-13196	2015		+8		+8		
				GS1-1-NC-GS566-12-2016-19149-32463-32513	2016		+51		+51		
				GS1-1-NC-GS566-12-2017-19150-31641-31981	2017		+341		+341		
Total offsets retired this report and used in this report										1156	
Total offsets retired this report and banked for future reports									10		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCUs)	290	25%
Verified Emissions Reductions (VERs)	866	75%

Please note that 214 of the total VERs surrendered under this transaction (680) are for the opt-in plasterboard products in the 2022-23 reporting period.


True up of historical emissions from recalculation of base year

Offsets cancelled for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Sri Lanka Small Solar Projects GS11418 10MW Nedunkulam Solar PV Project (2018-SOP-002-10.0MW)	VERs	Gold Standard Impact Registry	19 October 2023	GS1-1-LK-GS11418-21-2020-23197-1-700	2020		184 ^	0	119	184 ^	100%
Total offsets retired this report and used in this report										184	
Total offsets retired this report and banked for future reports									119		

^ Please note that 397 of the total VERs surrendered under this transaction (700) were used for voluntary action as noted in this report, in Appendix A.

Mount Mulgrave Savanna Fire Management

290 of the total ACCUs surrendered under this transaction are used for this certification; with 10 banked for future reporting periods.



Australian National Registry of Emissions Units

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Logged in as: Daniela Gomez Pimpolo Mejia / Industry User

ANREU Home

Account Holders

Accounts

Unit Position Summary

Projects

Transaction Log

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Transaction Details

Transaction details appear below.

Transaction ID	AU30282
Current Status	Completed (4)
Status Date	23/10/2023 16:55:29 (AEDT) 23/10/2023 05:55:29 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Gomez Pimpolo Mejia, Daniela
Transaction Approver	Zhou, Tom Yi Shang
Comment	The Sold Commodity will be retired in the name of Etex Australia for the purpose of Climate Active Certification for Siniat Opt-in Plasterboard and Metal Products, Opal plasterboard; as well as voluntary action

Transferring Account

Account Number	AU-2977
Account Name	South Pole Australia Financial Services Pty Ltd
Account Holder	South Pole Australia Financial Services Pty Ltd

Acquiring Account

Account Number	AU-1068
Account Name	Australia Voluntary Cancellation Account
Account Holder	Commonwealth of Australia

Transaction Blocks

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			ERF102090					2022-23		8,347,911,939 - 8,347,912,238	300

Prony and Kafaete wind-farms

- 214 of the total VERs surrendered under this transaction (680) are for the opt-in plasterboard products in the 2022-23 reporting period.



We are delighted to confirm the retirement of
680 Verified Emission Reductions (VERs)
by
South Pole Carbon Asset Management Ltd.
on 19/10/2023

The Sold Commodity will be retired in the name of Etex Australia for the purpose of Climate Active Certification for Siniat Opt-in Plasterboard and Metal Products, Opal plasterboard; as well as voluntary action.

Project: Prony and Kafaete wind-farms, New Caledonia (300344)

*These credits have been retired, saving **680** tonnes of CO2 emissions
from being released into the atmosphere.
Thank you for investing in a safer climate and more sustainable world.*

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Gold Standard[®]

Retirement certificates are hosted on the Gold Standard Impact Registry, [view your certificate](#).

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- All 400 of the total VERs surrendered under this transaction are for the opt-in metal products in the 2022-23 reporting period (in three blocks, [GS1-1-NC-GS566-12-2015-5967-13189-13196](#); [GS1-1-NC-GS566-12-2016-19149-32463-32513](#); [GS1-1-NC-GS566-12-2017-19150-31641-31981](#))



We are delighted to confirm the retirement of
400 Verified Emission Reductions (VERs)
by
South Pole Carbon Asset Management Ltd.
on 19/10/2023

The Sold Commodity will be retired in the name of Etex Australia for the purpose of Climate Active Certification for Siniat Opt-in Plasterboard and Metal Products, Opal plasterboard; as well as voluntary action.

Project: Prony and Kafeate wind-farms, New Caledonia (300344)

*These credits have been retired, saving **400** tonnes of CO2 emissions
from being released into the atmosphere.
Thank you for investing in a safer climate and more sustainable world.*

[View retirement](#)

Gold Standard

Retirement certificates are hosted on the Gold Standard Impact Registry, [view your certificate](#).

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Sri Lanka Small Solar & Renewables Projects

- 184 of the total VERs surrendered in this transaction for the true-up of historic opt-in metal products, and 397 for voluntary action as noted in this report. There were two blocks; the relevant block is [GS1-1-LK-GS11418-21-2020-23197-1-700](#); the other block of 900 surrendered under this transaction has been used for voluntary action – refer to Appendix A for more detail. 119 have been retired and banked for future reporting.



We are delighted to confirm the retirement of
1600 Verified Emission Reductions (VERs)
by
South Pole Carbon Asset Management Ltd.
on 19/10/2023

The Sold Commodity will be retired in the name of Etex Australia for the purpose of Climate Active Certification for Siniat Opt-in Plasterboard and Metal Products, Opal plasterboard; as well as voluntary action.

*These credits have been retired, saving **1600** tonnes of CO2 emissions
from being released into the atmosphere.
Thank you for investing in a safer climate and more sustainable world.*

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7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

This section is Not applicable.

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

1. Large-scale Generation certificates (LGCs)*	n/a
2. Other RECs	n/a

*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	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Total LGCs surrendered this report and used in this report									

APPENDIX A: ADDITIONAL INFORMATION

Emissions such as company travel or similar are traditionally considered as being outside the scope of a product LCA. We have decided to take action on reducing these emissions.

- Company travel: travel reduced due to COVID-19 and did not return to pre-COVID levels thanks to our policy to avoid company travel unless necessary. Where not possible we have committed to offsetting these emissions
- Company vehicles: fuel consumption by Siniat operated sales and distribution vehicles will also be offset, and over time the fleet replaced by renewably powered vehicles
- Siniat Retail and Distribution Centres: Etex operates 7 distribution warehouses and retail stores across Australia. The electricity to operate these sites will be transitioned to renewable sources and until finalised, offsets will be purchased.

NB: This information is duplicated in the Public Disclosure Statements for the reporting period 2022-23 for Siniat Opt-in programs for Plasterboard and Metal: the total offsets tabled below covers the organisation's activities associated with Siniat Plasterboard and Metal products.

Additional offsets cancelled for purposes other than Climate Active Carbon Neutral Certification							
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Purpose of retirement
Sri Lanka Solar Projects: GS11417 10mw Solar One Ceylon (Pudukadumalai) Solar Power Project (2018-Sop-001-10.0mw)	VERs	Gold Standard Impact Registry	19 October 2023	GS1-1-LK-GS11417-21-2019-23193-975-1874	2019	900	Company direct activities which are within operational control; including corporate travel (flights), company managed vehicles (cars and delivery trucks), distribution warehouses activities (electricity and forklifts).
GS11418 10MW Nedunkulam Solar PV Project (2018-SOP-002-10.0MW)	VERs	Gold Standard Impact Registry	19 October 2023	GS1-1-LK-GS11418-21-2020-23197-1-700	2020	397	Company direct activities which are within operational control; including corporate travel (flights), company managed vehicles (cars and delivery trucks), distribution warehouses activities (electricity and forklifts).

APPENDIX B: ELECTRICITY SUMMARY

Not Applicable.

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
Ancillary installation items such as screws	Yes	Yes	Yes
Use or in-service life	Yes	Yes	Yes
Building demolition and waste processing	Yes	Yes	Yes

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
Operation of Third party Distributor stores	N	N	N	N	N	<p>Size: Not all emissions attributable to the operation of third party distributors relates to the sale of Siniat products. As such their impact relevant to the total inventory, is negligible.</p> <p>Influence: These are separate and independently operated businesses. We do not have the potential to influence or change their emissions, and legally are not permitted.</p> <p>Risk: The emissions do not contribute to the greenhouse gas risk exposure.</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: These are historically independent resellers of product.</p>
Capital goods	N	N	N	N	N	<p>Size: Due to the long lifetime of plant and equipment used in the product manufacture, the emissions are considered to be negligible. .</p> <p>Influence: We do not generally have the potential to influence the emissions related to capital goods; and whilst we have a sustainable procurement approach, the speciality of the capital goods constrains the ability to influence.</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.</p> <p>Stakeholders: Capital goods are commonly considered as outside the system boundary for evaluating the life cycle inventory of a product.</p> <p>Outsourcing: We do not manufacture capital goods.</p>
Employee travel to and from work	N	N	N	N	N	<p>Size: Employee commuting attributable to the scope of certification was not material to the product carbon footprint.</p> <p>Influence: Whilst we encourage teammates to make sustainable choices, we do not have the potential to influence the emissions from their travel to and from work.</p> <p>Risk: The emissions do not contribute to the greenhouse gas risk exposure.</p> <p>Stakeholders: Personnel-related impacts, such as transportation to and from work, are commonly considered as outside the system boundary for evaluating the life cycle inventory of a product.</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>
Company travel (flights)	N	N	N	N	N	<p>Size: Employee company travel attributable to the scope of certification was found not to be material to the product carbon footprint. The company avoids travel and uses electronic systems such as Teams to limit the need.</p> <p>Influence: We do not have the potential to influence the emissions from this source, however we do offset our company flights.</p> <p>Risk: The emissions do not contribute to the greenhouse gas risk exposure.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product/service. It is not common practice to include company travel inside the system boundary for evaluating the life cycle inventory of a product.</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>



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