



PUBLIC DISCLOSURE STATEMENT

SUSTAINABLE LIVING FABRICS

**PRODUCT CERTIFICATION
FY2020-21**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: Sustainable Living Fabrics Pty Ltd

REPORTING PERIOD: Financial year 1 July 2020 – 30 June 2021

Declaration

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.


Signature

Date 30/10/2021

Name of Signatory

Liz Miles

Position of Signatory

Managing Director



Australian Government

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

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Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021 and covers all fabrics purchased from the mill and sold to customers by Sustainable Living Fabrics Pty Ltd, ABN 87 154 916 238.

This certification only covers the products purchased and sold to customers by Sustainable Living Fabrics (SLF). The Climate Active certification for their Australian business operations is covered by a separate Product Public Disclosure Statement, found [here](#).

Functional unit

The functional unit is 1 kg of fabric sold to customers.

Sustainable Living Fabrics relies on trusted certifications to demonstrate its environmental claims. Climate Active provides a transparent process

Organisation description

SLF is a wholesaler of fabrics for the commercial, education, health and aged care, hospitality and residential interiors and furniture market. Fabrics are used for all types of upholstery and screening in commercial and residential applications. SLF sells to other businesses (manufacturers) and not to the end-user/consumer.

The SLF fabric range consists of over 400 environmentally certified fabrics that are used for commercial and residential upholstery and screening applications. These environmental fabrics carry the GECA Ecolabel for Textile Products and are the first commercial textiles to have been independently assessed and audited by Good Environmental Choice Australia and are licensed to carry the GECA Ecolabel for Textile standard TLv3.0-2014 Textiles and Leather.

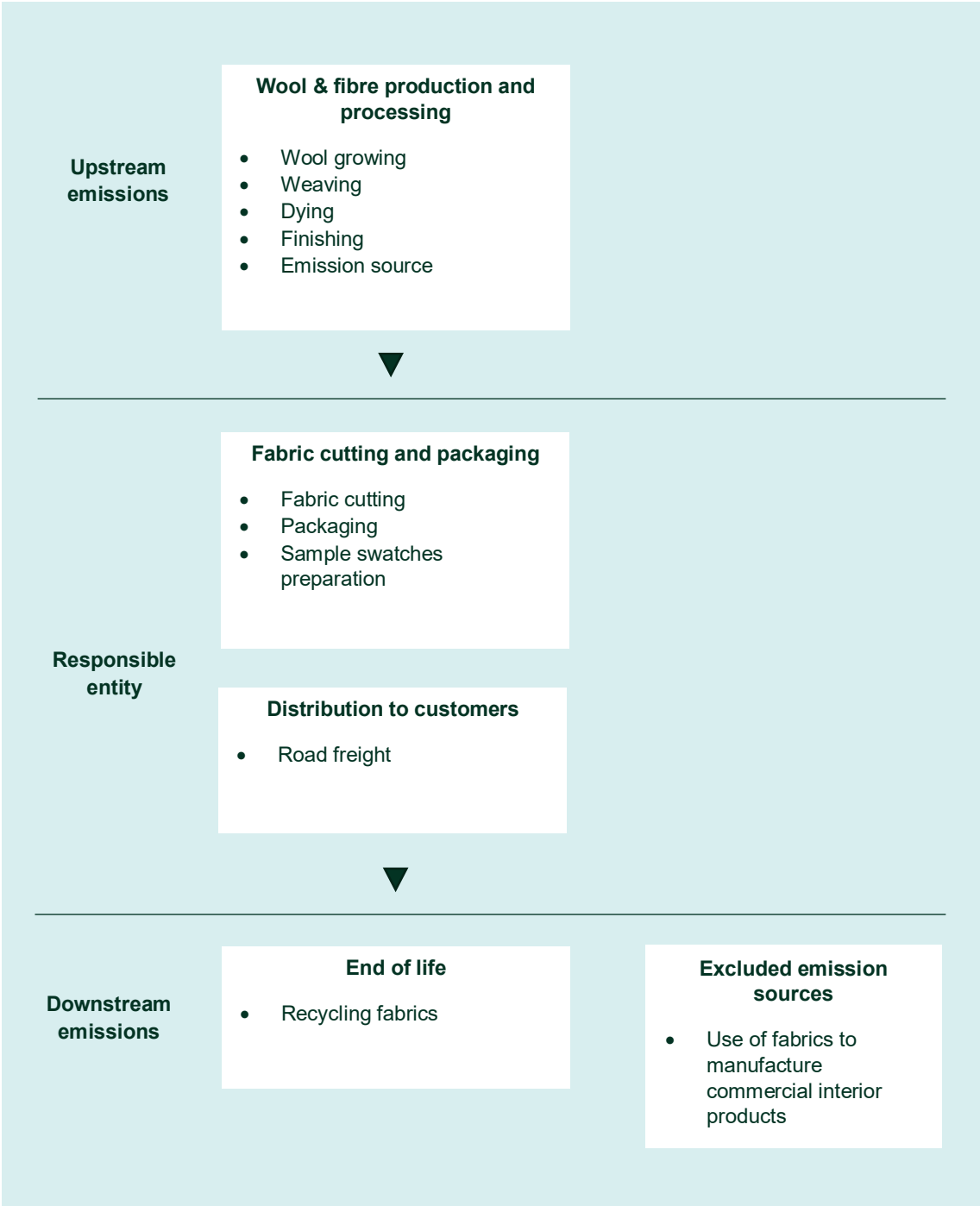
SLF GECA certified fabrics are the only fabrics manufactured from low pesticide ecowool and are rapidly renewable as environmentally preferable with a strict chain of custody from the farm to fabric. GECA certification warrants that the polyester used in these fabrics is either certified recycled PET or low antimony ecopolyester.

All the fabrics in the SLF range are rated heavy duty commercial and are warranted for up to 12 years or the life of the furniture whichever is the lesser. All the SLF fabrics are available in a large range of colours to meet customer requirements.

Considering the large number of product variations on offer it was not practical or cost effective to carry out separate LCAs for each type or category of product. Our approach was therefore to define a generic eco fabric product containing 100% ecowool to represent the entire product range.

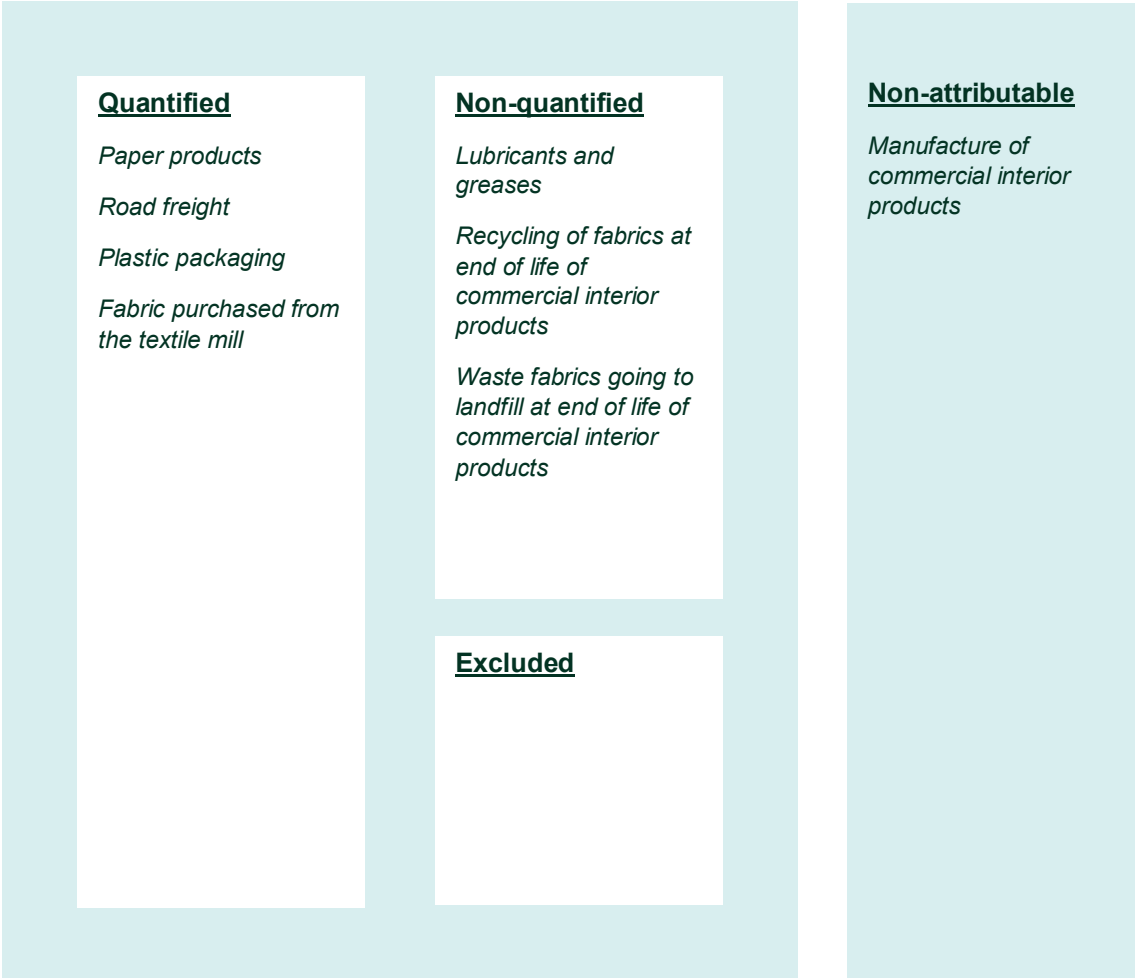
Product/service process diagram

The following diagram is cradle to grave



2. EMISSION BOUNDARY

Diagram of the certification boundary



Attributable non-quantified sources

Small amounts of lubricants and grease are used in fabric cutting equipment (i.e. cutting rolls of fabric for customers). Lubricants and grease have been non-quantified as they have been estimated to be immaterial.

The fabrics sold by SLF are high quality, long lasting and have a warranty period of 12 years. SLF has contact with manufacturers but only has limited awareness of where the fabric as a finished product is sold. That and due to the long life of its products, Quantification is not cost effective relative to the size of the emission and an uplift has been applied.

Data for emissions from recycling of fabric or fabric that ends up in landfill is unavailable. Quantification is not cost effective relative to the size of the emissions, but a 5% uplift factor has been applied.

“Climate Active provides an excellent framework for Sustainable Living Fabrics to align with on our low carbon journey.”

Data management plan

It is not practical or cost effective for SLF to develop a data management plan to account for end-of-life emissions of its fabrics (fabrics have a 12-year guarantee period). Quantification is not cost effective relative to the size of the emissions and therefore a 5% uplift factor has been applied to account for these emissions.

Excluded sources (within certification boundary)

No relevant emissions sources have been excluded

Non attributable sources (outside certification boundary)

SLF customers are typically furniture manufacturers, who then use the fabric in the furniture they manufacture. The use phase emissions (such as manufacture into other furnishing and refurbishment) are considered to be nil, as the fabric is used in the manufacture of another product. There are no direct emissions associated with the fabric at this stage of the product lifecycle.

3. EMISSIONS SUMMARY

Emissions reduction strategy

As a small business SFL has relatively limited options to reduce emissions as most of its emissions are embodied in the fabric purchased from the mill. However, SLF's on-going strategy is to implement further energy efficient systems in the warehouse, reduce fuel consumption and material usage.

SLF's is planning to engage with the Australian supplier of woolen fabrics to understand what carbon reduction measures they are implementing which would reduce the emissions in the fabrics sold by SLF.

Emissions over time

Table 1

Emissions since base year			
	Base year: FY2011-2012	Year 7: 2019-2020	Current year Year 8: 2020-2021
Total tCO ₂ -e	1,799	636	630

Emissions in 2020 – 2021 are almost identical to the previous reporting period. Of the emission sources that contribute more than 5% to the total carbon footprint, road freight has decreased by 9%. Emissions from road freight vary from year to year reflecting normal variations in customer deliveries.

Emissions reduction actions

Some of the emission reduction plans include an incentive offer for sales reps to purchase hybrid cars when the time comes to replace their vehicles and an on-going focus of recycling in the warehouse and office. Fabric offcuts are either donated or reused as samples given to potential customers. SLF uses minimal office paper and pays an independent recycler to recycle paper and cardboard fortnightly. As an office we also individually collect glass, plastic, coffee pods, plastic lids, E-waste and printer cartridges that are recycled through the local council recycling scheme.

SLF is also active in obtaining cardboard tubes from furniture manufactures. Normally these would be thrown away. SLF uses these to roll up the fabric supplied to its customers. SLF has not needed to purchase any of the tubes for several years.

SLF has started discussions with the supplier of the woolen fabrics to learn more about the supply chain from wool growing on the farm to processing at the mill. SLF will encourage the suppliers to implement carbon reduction projects to reduce supply chain emissions. This initiative is at an early stage and it is hoped that tangible emission reductions can be identified over the next 2 years.

Functional units

Table 2

	Number of functional units
a) Number of functional units sold this period	Confidential
b) Number of functional units to be forward offset demonstrating commitment to carbon neutrality (true-up to be conducted at the end of the reporting period)	Confidential

Emissions summary (inventory)

Table 3

Emission source category	tonnes CO ₂ -e
Office equipment & supplies (carbon neutral)	0
Postage Courier and Freight	72.04
Plastic packaging	0.18
Fabric Purchases	526.89
1. Total inventory emissions	599.14
a. Number of functional units represented by the inventory emissions	Confidential
2. Emissions per functional unit (based on the number of functional units represented by the inventory) Total tCO ₂ -e divided by the number of functional units in 1a.	Confidential
3. Carbon footprint (Emissions per functional unit (2)* number of functional units (a or b from table 2))	599.14

Uplift factors

Table 4

Reason for uplift factor	tonnes CO ₂ -e
5% to account for fabric recycling and landfill end of life	29.96
Total uplift factors	5%
Total to offset (Carbon footprint + total uplift factors)	629.07

Carbon neutral products

Reflex carbon neutral paper in office and for sample swatches.

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

4. CARBON OFFSETS

Offsets strategy

Table 5

Offset purchasing strategy:	
In arrears	
1. Total offsets previously forward purchased and banked for this report	2
2. Total emissions liability to offset for this report	630
3. Net offset balance for this reporting period	628
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	630

Co-benefits

15 MW grid-connected wind power project by MMTC in Karnataka

The main purpose of the project activity is to generate electrical energy through sustainable means using wind power resources, to utilise the generated output for selling it to the State Electricity Board i.e. Hubli Electricity Supply Company (HESCOM) for meeting the energy shortages in the state and to contribute to climate change mitigation efforts. Apart from generation of renewable electricity, the project has also been conceived to contribute to the sustainable development of the region, socially, environmentally and economically: Social well-being - The project leads to alleviation of poverty by establishing direct and indirect benefits through employment generation and improved economic activities. The infrastructure in and around the project area has also improved due to the project activity. This includes development of road network and improvement of electricity quality, frequency and availability as the electricity is fed into a deficit grid. Economic well-being – The project leads to an investment of about INR 690 million to a developing region which otherwise would not have happened in the absence of project. The generated electricity is fed into the southern regional grid through local grid, thereby improving the grid frequency and availability of electricity to the local consumers (villagers & sub-urban habitants) which will provide new opportunities for industries and economic activities to be setup in the area thereby resulting in greater local employment, ultimately leading to overall development. Environmental well-being - The project utilises wind energy for generating electricity which otherwise would have been generated through alternate fuel-based power plants, contributing to reduction in GHG emissions. As wind power projects produce no end products in the form of solid waste (ash etc.), they address the problem of solid waste disposal encountered by most other sources of power. Being a renewable resource, using wind energy to generate electricity contributes to resource conservation. Thus, the project causes no negative impact on the surrounding environment contributing to environmental well-being.

Offsets summary

Proof of cancellation of offset units

Table 6

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	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
15 MW grid-connected wind power project by MMTC in Kamataka, India	VCUs	APX	04 February 2020	6591-326737664-326738301-VCU-034-APX-IN-1-133-01012015-31122015-0 (Link no longer accessible)	2015	638	636	0	2	0.3%
15 MW grid-connected wind power project by MMTC in Karnataka	VCUs	Verra	19 September 2021	6591-326739630-326740327-VCU-034-APX-IN-1-133-01012015-31122015-0	2015	698 ¹	0	0	628	99.7%
Total offsets retired this report and used in this report									630	
Total offsets retired this report and banked for future reports								0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	630	100%

¹ 70 credits have been retired for the FY2020-2021 Climate Active Organisation certification. The relevant PDS be found [here](#).

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Website (https://www.sustainablelivingfabrics.com.au/)	Certified Product Range

6. ADDITIONAL INFORMATION

N/A

APPENDIX 1

Non-attributable emissions for products and services

To be deemed attributable an emission must meet two of the five relevance criteria. Non-attributable emissions are detailed below against each of the five criteria.

Table 8

Relevance test					
Non-attributable emission	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>
Use of fabric in manufacture of interiors products	No	No	No	No	No

APPENDIX 2

Non-quantified emissions for products/services

Please advise which of the reasons applies to each of your non-quantified emissions. You may add rows if required.

Table 9

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>
Lubricants used in cutting machines	Yes	No	No	No
Recycling fabrics end of life	No	Yes	No	No
Fabrics in landfill end of life	No	Yes	No	No



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