

National Carbon Offset Standard Carbon Neutral Program Public Disclosure Summary



An Australian Government Initiative



LOWCARBON
AUSTRALIA

Sustainable Living Fabrics Pty Ltd

1. Organisation and Product Information

Table 1: Organisation and Product Information

Organisation Name	Sustainable Living Fabrics Pty Ltd	
Name of the subject(s) of certification	Furnishing Fabrics for the Commercial Interiors Market	
Type of certification	Product	
Reporting year period	From 1/07/2011	To 30/06/2012
Emissions in this reporting year	1,985 t CO ₂ -e	
Base year period	From 1/07/2011	To 30/06/2012
Emissions in the base year	1,985 t CO ₂ -e	

2. Description of Organisation Activities

Sustainable Living Fabrics (SLF) is a wholesaler of fabrics for the commercial interiors market. Fabrics are used for upholstery and screening in commercial applications. SLF sells to other businesses and not to the end-user/consumer. Since 2005, by reviewing its supply chain, working with suppliers and actively implementing environmental strategies to minimise its environmental footprint, SLF has significantly reduced the carbon emissions,

water usage, use of toxic chemicals and toxic emissions attributed to production of its eco fabrics and its management and distribution activities.

In September 2010 Low carbon Australia Limited certified Sustainable Living Fabrics and all products sold as carbon neutral under the Carbon Neutral Program which is underpinned by the Australian Government National Carbon Offset Standard (NCOS). Sustainable Living Fabrics is the first company to achieve this certification and it is assurance that all the fabrics Sustainable Living Fabrics sells are genuinely carbon neutral.

SLF's head office and warehouse is located in Oakleigh in Victoria. All fabrics are sourced from Geelong Textiles Australia. Fabrics are cut to length at the warehouse and are sent by road freight or courier to customers across Australia. SLF also operates a small sales office in Camperdown (Sydney).

The current owners of SLF took control of the business in February 2012 and are planning to move to larger and more modern premises in December 2012.

The SLF **Green Living® Collection** consists of over 400 eco fabrics that are used for commercial eco upholstery and screening fabrics. 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 licensed to carry the GECA Ecolabel for Textile Products.

SLF GECA certified eco fabrics are the only eco fabrics manufactured from low pesticide leanwool®, a rapidly renewable resource certified as environmentally preferable with strict chain of custody from the farm to fabric. GECA certification warrants the polyester used in these fabrics is either certified recycled PET or low antimony **ecopolyester™**

The Green Living Collection is rated heavy duty commercial or commercial screen and is warranted for up to 12 years or the life of the furniture whichever is the lesser.

SLF eco fabrics are available in a large range of colours to meet customer requirements.

3. Organisational & Geographic Boundary/ Scope & system Boundary

SLF is a business to business wholesaler/distributor of ecologically sustainable fabrics. SLF sells fabrics to customers that manufacture products for the commercial furnishing market. SLF provides intermediate products (fabrics) to other business that service end-user commercial customers.

The scope of this Life Cycle Assessment (LCA) relates to all products sold by SLF and does not provide details for separate product lines. The complexity and cost of a full LCA on woollen and synthetic fabric production ruled out a detailed analysis. Therefore a single emission factor from published LCA data in the Ecoinvent database was used. This is a more accurate estimate of life cycle impacts than the industry average value from the input output analysis.

The system boundary of this analysis is from *Cradle to Gate* and includes all activities involved in wool growing, production of synthetic fibres, fibre processing, dyeing, fibre processing, warehousing, cutting fabric to length and distribution of fabric to customers for manufacture of products for the commercial furnishing market. The boundary excludes production activities at customer facilities and downstream distribution and installation of commercial furnishings as well as end-of-life disposal and recycling of commercial furnishings. Refer to figure in Section 4 below.

A hybrid LCA methodology is used. This uses a combination of direct LCA data and data from an input-output analysis. Input-output analysis provides a complete assessment of all inputs to the procurement and delivery of fabrics. To summarise the hybrid approach:

- The *depth* of the input-output analysis approach covers the entire supply chain
- The *breadth* of this approach covers all supply chain inputs including materials and services required to operate SLF's business
- The Scope 3 emissions of imported goods are also included in the analysis, calculated as if they were produced under Australian production conditions.
- Input output analysis data is replaced by primary usage data for petrol, gas, electricity, air travel and waste
- Input output analysis data is replaced by primary usage data for fabric (kg of fabric purchased from the mill)

The hybrid LCA provides a bottom up analysis of life cycle impacts where primary usage data and appropriate emission factors are available and a top down analysis of supply chain impacts from input output analysis where Scope 3 emission factors are not readily available.

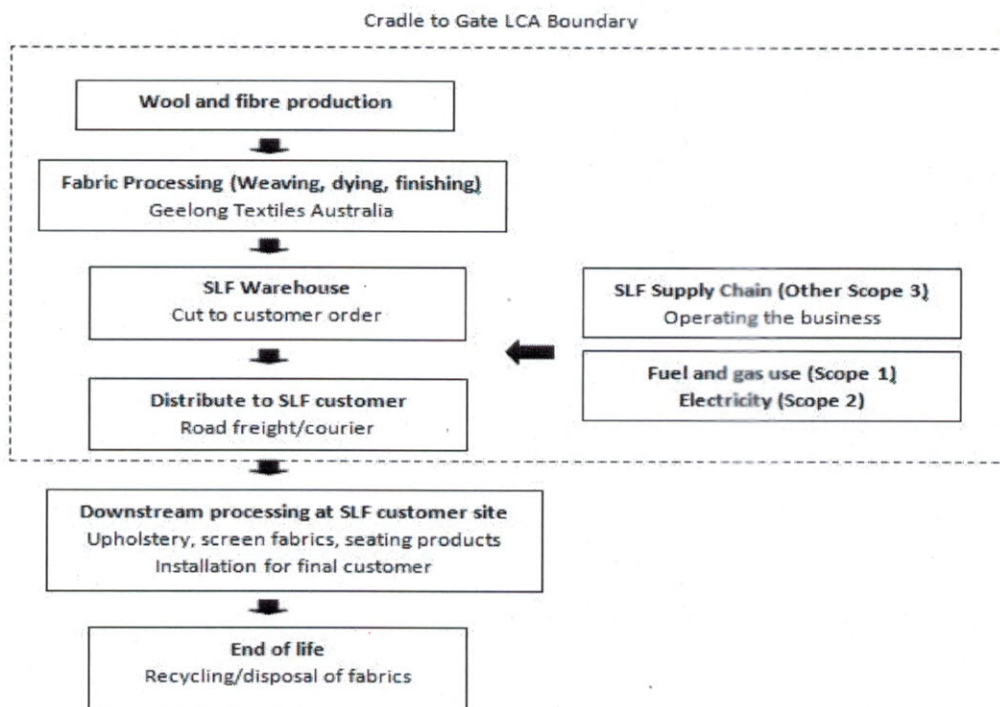
Table 1 below shows total emissions calculated for SLF's operations by scope and gas type. No Hydrofluorocarbons, Hydrochlorofluorocarbons, Perfluorocarbons or Sulphur Hexafluoride were accounted for within the operational boundary.

Table 1 A summary of scope and gas type for SLF

Emission Source	CO ₂ □ (tCO ₂ -e/yr)	CH ₄ □ (tCO ₂ -e/yr)	N ₂ O□ (tCO ₂ -e/yr)	HFCs & HCFCs, PFCs, SF ₆ (tCO ₂ -e/yr)	Total
Scope 1	11.53	0.01	0.0	0.0	11.57
Scope 2	14.54	0.0	0.06	-	14.60
Scope 3	1,956.70	2.32	0.16	0.0	1,959.17
Total	1,982.77	2.35	0.24	0.0	1,985.36

4. Diagram of the Boundary of the Subject of Certification

The figure below shows the boundary of the lifecycle assessment (LCA) on SLF's product range. All impacts within the dotted line were included in the calculation of the product footprint.



5. Purchase of GreenPower and Retirement of GreenPower Eligible Large-Scale Generation Certificates (LGCS)

No Greenpower purchased or retirement of LGCS during the reporting period

6. Purchase of NCOS Carbon Neutral Products

No carbon neutral products purchased during the reporting period

7. Total Carbon Footprint

Summary of GHG emissions by source for SLF

Activity Sector	Activity/Service	Scope	Emissions <input type="checkbox"/> (tCO ₂ -e/yr)	Percentage
Utilities	Electricity	2 & 3	16.3	0.82%
	Natural Gas	1 & 3	5.5	0.28%
	Telecommunications	3	5.8	0.29%
Equipment	Fabric Purchases	3	1,746.7	87.98%
	Computer Equipment	3	2.2	0.11%
	Paper products (paper towels/toilet paper)	3	3.9	0.20%
	Paper swatches	3	15.4	0.78%
	Plastic Packaging	3	0.7	0.04%
	Paper Packaging	3	0.8	0.04%
	Food	3	2.8	0.14%
Flights	Business Flights	3	11.3	0.57%
Transport Fuels	Post 2004 Gasoline	1 & 3	7.0	0.35%
	Privately owned/controlled	3	57.3	2.88%
Third Party Services	Website	3	0.1	0.01%
	Repairs and Maintenance	3	0.1	0.01%
	Wholesale trade margins	3	1.8	0.09%
	Insurance	3	1.6	0.08%
	Parking and Tolls	3	1.4	0.07%
	Legal and Filing Services	3	1.1	0.06%
	Cleaning Services	3	0.9	0.05%
	Advertising and Promotion	3	0.8	0.04%
	Entertainment	3	0.7	0.04%
	Banking	3	0.6	0.03%
	Rates and Taxes	3	0.5	0.03%
	Training	3	0.5	0.03%
	Vehicle R&M	3	0.5	0.02%
	Security	3	0.4	0.02%
	Postal Services	3	0.4	0.02%
	Accounting Services	3	0.3	0.01%
	Accommodation (local travel)	3	17.4	0.88%
	Subscriptions and periodicals	3	12.1	0.61%
	Printing and stationery	3	12.0	0.60%
	Building rent	3	10.1	0.51%
	Environmental Accreditation and Subscriptions	3	8.8	0.44%
	Freight	3	35.0	1.76%
Waste	Waste - landfill	3	2.3	0.12%
	Total		1,985.4	100%

8. Carbon Offset Purchases and Retirement for this Reporting Period

8.1 Offset Purchasing and Cancellation Strategy

SLF are members of the carbon trade exchange in Sydney. Their strategy is to purchase Verified Carbon Standard Offsets at the end of the reporting period. That said they still have a certain number of offsets left over from the previous owners these will be retired next year. Any and all extra offsets required will be purchased at the end of the next reporting period when all required offsets will be cancelled.

8.2 Offset Cancellation

Offset type	Registry	Serial number	Quantity (t CO ₂ -e)
VCU	Markit	2459-104992356-104994340-VCU-008-MER-CN-1-882-26122009-25122010-0 http://mer.markit.com/br-reg/public/index.jsp?q=Sustainable%20Living%20Fabrics&s=cr	1,985
Total			1,985

9. Emission Reduction Measures

The table below shows the planned emission reduction plan for SLF

Emission Reduction Measures

Emission source	Reduction Measure	Scope	Status	Reduction t CO ₂ -e
-----------------	-------------------	-------	--------	-----------------------------------

Electricity consumption in new building	<ul style="list-style-type: none"> Room based lighting Skylights in warehouse LED lighting in boardroom and hall areas Improved HVAC Investigate solar panels on roof 	2	Planned for future reporting period	1.3 (10%)
Company cars	<ul style="list-style-type: none"> New hybrid company car 	1	Implemented this reporting period	0.35 (5%)
Reps cars (private)	<ul style="list-style-type: none"> Incentivises to encourage purchase more efficient vehicles 	3	Planned for future reporting period	2.9 (5%)
Waste reduction	<ul style="list-style-type: none"> Program to recycle office paper Reduce office and warehouse waste 	3	Planned for future reporting period	0.1 (5%)
Green purchasing	<ul style="list-style-type: none"> Supplier assessment process Review courier services 	3	Planned for future reporting period	0.5
Total expected emission reductions in future reporting periods				5.15

10. Declaration

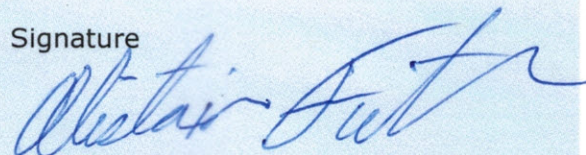
To the best of my knowledge and having implemented the quality controls and standards required under the NCOS Carbon Neutral Program and made all appropriate inquiries, the information provided in this Public Disclosure Summary is true and correct.

Click here to enter text.

Name of Signatory

(company representative with the appropriate authority)

Signature



Click here to enter text.

Position / Title of Signatory

DIRECTOR

Click here to enter a date.

Date

28/8/2013