



STANDARDS AND BENCHMARKS ENVIRONMENTAL MODULE

To Accompany the Sustainable
Leather Foundation Audit Report



Sustainable Leather Foundation

Industry Led – Consumer Focused



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SAMPLE



Sustainable Leather Foundation Standard for Energy Consumption Standard and Benchmark

Reference: FSE6.1
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Accredited by: XXX

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FSE6 ENERGY CONSUMPTION STANDARD AND BENCHMARK

Summary: The SLF *Energy Consumption Standard and Benchmark* provides the context, calculation of energy consumption, and the global benchmark. This gives the facility under audit the methodology to record and report their energy consumption to an interested party to ensure the reporting of total energy consumption, and the energy consumption per unit area. It results in visibility of the environmental impact and comparisons of the facilities' energy consumption against international benchmarks which provides the framework for consideration of improvement measures.



1. Scope

1.1 The International Standard and Benchmarks for energy consumption specify the method and definition of energy consumption for facilities (and their waste treatment plants) in the leather value chain. The facilities in the value chain include all facilities from the farm to the end of life of the leather.

1.2 The Standard and Benchmark on energy consumption includes all direct thermal and electrical energy of the facilities. The energy consumption in question is only related to the Scope of the SLF audit (or mapped certification) that is being audited. The Scope of the *Energy Consumption Standard and Benchmark* does not include indirect energy consumption that is related to the preparation of inputs - that are then used on the site. If a facility uses a subcontractor for part of its process, the energy consumption of the subcontractor will be considered to reflect the overall consumption for that facility.

2. Normative references

2.1 The following references are useful in the understanding of this document and are provided for further guidance. In the case of dispute these references will form the core of the evidence in support of the Standard and Benchmarks used here:

BS EN ISO 50001: 2011 *Energy management systems guidance – Requirements with guidance for use*

FSE9.1 – *Energy efficiency AND Equipment & Machinery*

EU Directive 2009/28/EC - *on the promotion of the use of energy from renewable sources*

3. Terms and definitions

3.1 Btu – British Thermal Unit

3.2 Calorie (Cal) - the energy needed to raise the temperature of 1 gram of water through 1 °C (now usually defined as 4.1868 joules)