

Beaulieu Fibres International Terni Srl

COMPANY CERTIFICATIONS		
SAFETY	QUALITY	ENVIRONMENTAL
UNI ISO 45001:2018	UNI EN ISO 9001:2015 OEKO-TEX®	UNI EN ISO 14001

ENERGY SAVING INITIATIVES	
Energy Management System ISO 50001	Not present
Energy consumption reduction initiatives:	<p>The following energy consumption reduction initiatives have been implemented:</p> <ul style="list-style-type: none"> - A tri-generation plant was installed in 2017 to fulfil the company's electrical and thermal needs. - Replacement of light systems with LED technologies. - Compressed air system optimisation leading to loss
Renewable Energy Sources	Preliminary feasibility study completed for installation of ~850 kwp PV system on warehouse roof.
Water consumption reduction initiatives	<p>Measures to recycle additive substances and reduce water consumption have been adopted. Further improvements to the production process designed to reduce water consumption are planned.</p>

ENVIRONMENTAL SUSTAINABILITY AND GREENHOUSE GAS REDUCTION INITIATIVES	
Global sustainable development goals	
Global goal formalisation	<p>The company started a pilot project at a plant in Belgium based on the 17 SDGs. The objective of this project is to define the Sustainable Development Goals (SDGs) on which to work and draw up an action plan.</p>
Environmental policy document	<p>Together with the definition of the priority SDGs, the company has a specific environmental policy document.</p> <p>The key points in this document are:</p> <ul style="list-style-type: none"> - product sustainability. - environmental safeguards and energy wastage reduction. - the integration of social aspects into company policy. <p>The drawing up of this document will be co-ordinated by the firm's senior management together with its Quality, Health, Safety, Environment (QHSE)</p>

<p>Changes determined by sustainability strategies:</p>	<ul style="list-style-type: none"> - On the business model: after the testing phase, changes induced such as the inclusion of sustainability within the core criteria of the business model can be highlighted. On business processes: after the testing phase, changes induced such as initiatives to reduce consumption can be highlighted. - - Adoption of environmentally friendly vehicles for the corporate fleet (implementation underway). - Working systems (teleconferencing, remote working, etc.) (<i>implemented</i>). - Promotion of car pooling, use of bicycles and public transport, etc. (<i>implementation underway</i>). - Changes to packaging from an environmental perspective (<i>implemented</i>). - Communication and awareness-raising initiatives; R&D projects for using recycled and
Purchases and supplies	
<p>Primary raw materials used and their origin</p>	<p>The primary raw materials used in the production cycle are:</p> <ul style="list-style-type: none"> - Polypropylene, or PP, a thermoplastic polymer that can be used as a plastic and fibre. - Polyester, a class of polymers obtained by polymerisation in stages via condensation which contain the ester functional group along the main carbon chain. - Polyethylene terephthalate, or PET, is a thermoplastic resin belonging to the polyester family. - Chemical finishing products (ensembles). <p>Products are sourced in Europe and more</p>
<p>Environmental criteria in supplier selection</p>	<p>N/A</p>
<p>Promotion of action to get suppliers involved on environmental themes underway.</p>	
<p>Adoption of raw material reduction initiatives</p>	<p>With the primary objective of reducing the amount of raw materials introduced into the production cycle, the company implements a policy of reducing raw material waste, using chemicals and reusing packaging, and whenever technically possible, production waste is sold to a partner who recycles it. A portion of the recycled product is used as raw material (regranulated polymer).</p>

Sustainable purchase policy for travel	<p>Videoconferencing or call conferencing is always recommended.</p> <p>Videoconferencing is the most widely used means of reducing travel; when travel cannot be avoided, it is mostly done with electric or hybrid company cars, through car sharing and public transport.</p>
Sustainable purchase policy for consumables	A project to reduce paper consumption is planned.
Sustainable purchase policy for food and drink	Water dispensers were installed (both in offices and in production areas) to reduce both unnecessary waste and plastic waste, and reusable water bottles were distributed to all staff.
Production	
Green services/products	N/A
Product innovations designed to replace dangerous chemical substances	The company, which is attentive to the evolution of the chemical legislation, has reduced the use of these substances; it is an activity conducted systematically as the hygiene sector is very sensitive to this issue.
Adoption of production process environmental certification trajectories	The company is moving in this direction as it believes that certification can lead to customer loyalty, improved corporate image and more attention from institutions and/or the media. An initial life-cycle analysis was carried out in 2020 in the form of "OLCA"s (impacts assessed at the level of the entire plant); more detailed analyses ("LCA"s) were conducted in 2021, selecting some of the most representative products. Based on the results of these analyses, a project was launched to identify opportunities for reducing environmental impacts (currently underway). OEKO-TEX (textile-specific) certification was also acquired.
Presence of a document communicating atmospheric emissions	Yearly atmospheric emission communications to ARPA Umbria.
Participation in environmental innovation research projects	<p>Via:</p> <ul style="list-style-type: none"> - European Union public funds for regional projects.

Waste Management	
Recycling and appropriate waste management improvement initiatives.	<p>In 2018 the firm produced 118 tons of waste. 90% of this was sent to landfill sites. The remaining 10% was used as compost. To incentivise recycling internal collection points have been added and staff awareness raising/information campaigns organised.</p> <p>In 2020, on the other hand, 131 tonnes of waste was generated, most of which was sent for recycling in other production cycles (71.1t), the remainder was sent for disposal (51.4t) and chemical-physical treatment (8.3t), and the following steps were taken:</p> <ul style="list-style-type: none"> - Standardisation of separate waste collection containers and related signage. Awareness-raising initiatives, installation of fencing for collection area by ASM. -
Waste processing and waste reduction initiatives	<ul style="list-style-type: none"> - The firm is moving in this direction. - Specifically action is planned to: <ul style="list-style-type: none"> - Reduction of office waste (especially printed paper reduction). - Reduction of packaging (reusable packaging, returnable containers, etc.). - Optimisation of the production chain to reduce landfill. - Producer and supplier awareness raising.
Environmental impact improvement targets	A post-LCA action plan was implemented, containing numerous opportunities (e.g. increase in % use of recycled polymer, R&D for bio-based polymer use, realisation of photovoltaic plant, reduction of water consumption for room cooling, etc.).
Innovation and research	
Investment in innovation and research	<p>A percentage of profits are used for research and development.</p> <p>These expenditures focus on policies for the reuse of scrap as well as the use of bio-based polymers.</p> <p>The management of the action/investment needed to pursue the firm's environmental objectives will be the task of various company departments such as: management; research and development; HSE/sustainability Sales.</p>
Direct atmospheric emissions reduction initiatives	In order to reduce atmospheric emissions, work is done on the regular maintenance of extraction/filtering and abatement systems.

Staff training	
Staff awareness raising and training designed to reduce environmental impact	In-house training courses on waste management, sustainability and environmental management included in the training plan for new employees, an awareness campaign on “sustainability @ home”, and internal communications on environmental protection and sustainability, which involved all company staff for a total of about 100 hours of training.
Client relations	
Marketing policies designed to highlight product sustainability.	This topic has now become an established part of marketing, both through sales documentation and informal contact with customers.
Relations with local government and the community	
Working together with the local council on community sustainability projects and initiatives	The company has taken steps to provide support to non-profit associations and sponsorship of events/initiatives for the community plus intends to actively participate in any projects to revitalise the former Polymer site.
Participation in competitive tenders requiring environmental criteria	N/A
Access to public incentives for green process/product development	Through regional calls for applications.
Membership of business associations and networks	Membership of Confindustria Umbria
Direct joint working with business networks and associations	Ongoing joint working with Confindustria Umbria on the Terni Urban Re-Generation project.
Initiatives and activities in schools	Collaboration with Technical (ITS) and Technology (ITT) High Schools.