



**#Weave
made it!**

#agrotextiles #geotextiles
#backings #industrialfabrics
#madeinbelgium

Global woven technical textiles specialist

A large white circle is centered in the lower half of the image, set against a solid red background. Inside the circle, there is text.

Our goal is to help you exceed your limits.

Whether you want to increase your product performance, achieve your sustainability goals, or maximize your manufacturing efficiency, our technology can help you make it happen.

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B.I.G. in numbers

Figures of 2021

Turnover
2.511 million euro

Ebitda
451 million euro

29
plants
22
sales offices and
distribution centres

4.957
employees

16.000
unique customers in
140
countries

100%
family-owned
industrial group

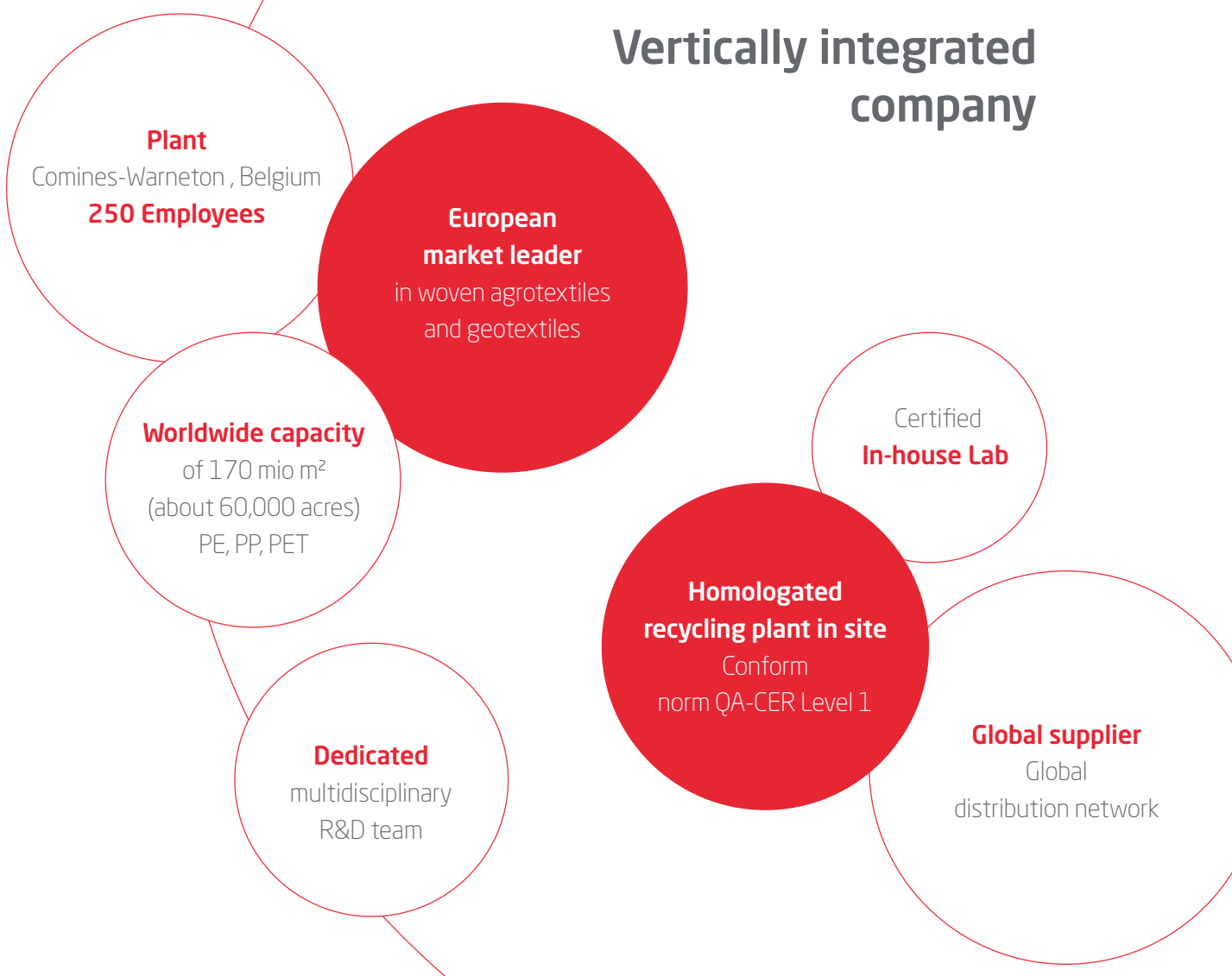
Headquarters
in Waregem,
Belgium

Specialised in
polymers,
engineered solutions
and flooring solutions

Beaulieu Technical Textiles

Figures of 2021

Vertically integrated company



Beaulieu Technical Textiles is a globally represented and established manufacturer of woven technical fabrics. Combining a pioneering spirit and a hands-on mentality, our products are engineered to deliver sustainable, durable and best-in-class solutions, designed to respond to current demands and future trends.



About our company

Beaulieu Technical Textiles is a reference across diverse markets, offering solutions and applications in the fields of:

Agrotextiles
Geotextiles
Backings
Industrial Fabrics



Let's discover
what we can do for you.



Beaulieu Technical Textiles
is part of the
Beaulieu International Group (B.I.G.),
and a division of the
Engineered Solutions business unit.



Agrotextiles

Leading agrotextiles to facilitate the highest performance in horticultural and landscaping applications.



Geotextiles

Specialized woven geotextiles for civil engineering applications and GCL - geosynthetic clay liners.



Backings

Woven primary backing providing durability and strength for tufted carpets and artificial grass.



Industrial Fabrics

Woven textile solutions for packaging and product reinforcement. Coating and customization services.

We develop and manufacture performant woven polypropylene fabrics that are relied upon by professionals across various industries throughout the world. Beaulieu Technical Textiles stands for customer-oriented and market-specific production of woven technical textiles.

Agrotextiles

Beaulieu Technical Textiles is the leading manufacturer of woven technical fabrics for horticultural and landscaping industries in Europe.



Applications

- Woven ground cover
- Smart reflective woven fabrics
- Landscaping ground cover
- Coverings & side curtains for climate control

To facilitate the highest performance in horticultural and landscaping applications.

Our solutions are developed and continuously improved through partnerships with renowned agronomy experts and research institutions. These collaborations, along with the commitment of our R&D team, guarantee the superior quality of our agrotextile products.



Agrotextiles | Container fields



Agrotextiles | Greenhouse covers



Agrotextiles | Growth stimulation

"Our drive is to help farmers around the world surpass their harvest forecast while creating healthier soil and crop conditions at the same time."



We support growers and farmers worldwide by providing solutions that:

- Increase the average productivity of a plantation through improved harvests
- Support uniform plant growth
- Improve ground water & soil conditions by eliminating the need for chemical herbicides & weed killers
- Reduce labor costs

Functions

- Weed control
- Growth stimulation
- Transport
- Protection
- Fruit color development
- Landscaping
- Greenhouse covers



Agrotexiles | Landscaping



Agrotexiles | Weed control



Agrotexiles | Fruit color development



Geotextiles

Geosynthetics are synthetic products used to improve the engineering performance of soils and rocks.



For civil engineering applications and GCL - geosynthetic clay liners.

Applications

- Woven geotextile in civil engineering
- Geosynthetic clay liner (GCL)

Beaulieu Technical Textiles provides a range of woven geotextile solutions for civil engineering applications and GCL (geosynthetic clay liners) with an environmentally beneficial impact. They are applied in various civil engineering projects, functioning as separation, filtration, reinforcement and erosion control.



Geotextiles | Geosynthetic clay liner



Geotextiles | Civil engineering



Geotextiles | Civil engineering

"When it comes to civil engineering projects, our goal is to provide our customers worldwide with the most sustainable solution for the application. This is not a mere claim, but based on scientific research and validation"



Sustainable: high impact on carbon footprint reduction

Geotextiles and GCLs contribute to sustainable development by reducing the carbon footprint of a construction site. Additionally, the amount of natural resources needed are significantly lower compared to conventional systems.

Functions

- Separation
- Filtration
- Reinforcement
- Erosion control



Geotextiles | Erosion control



Geotextiles | Erosion control



Geotextiles | Separation



Backings

Beaulieu Technical Textiles manufactures a range of woven polypropylene backings. They are applied as tufted rug backing and artificial grass backing. Our Proback range ensures long-term structural stability and form retention, crucial factors to a carpet's performance.



Primary backings for Carpet & Artificial grass

Backings serve as the foundation for a tufted carpet. They safeguard the structural stability and form retention of the products, deciding factors that will determine the quality of the product. Beaulieu Technical Textiles produces a range of woven polypropylene carpet backings.

Superior strength and durability are key when it comes to developing a backing that will be used outdoors.

Applications

- Primary carpet backings
- Artificial grass backings



Backings | Primary carpet backings



Backings | Primary carpet backings



Backings | Artificial grass

"It is our priority to make it easy for you to work with us. Candid communication is our approach to becoming a trusted partner. Thanks to our centralized distribution network, we can ensure efficient access to our products."



Our backing solutions help manufacturers in offering products of superior quality, strength and durability, thanks to:

- Minimized needle deflection
- First-rate tuft lock
- Moisture resistance
- UV stabilization for outdoor applications

Function

- The foundation for a tufted carpet



Backings | Artificial grass



Backings | Artificial grass



Backings | Artificial grass



Industrial Fabrics

Woven polypropylene fabrics are used for a variety of applications across many different industries.



Applications

- Product reinforcement for:
 - Reinforced composites
 - Shoe liners and insoles
 - Packaging fabrics
- Extrusion coating & laminating

For product reinforcement and packaging, coating and customization services.

Beaulieu Technical Textiles offers best-in-class woven polypropylene fabrics for product reinforcement textiles as well as packaging solutions. We provide custom services for extrusion coating and laminating requests.



Industrial fabrics | Reinforced fabrics



Industrial fabrics | Packaging fabrics



Industrial fabrics | Packaging fabrics

"It is our priority to make it easy for you to work with us. Candid communication is our approach to becoming a trusted partner. Thanks to our centralized distribution network, we can ensure efficient access to our products."



Our industrial fabrics team will support in finding a solution to meet the specific requirements of your project.

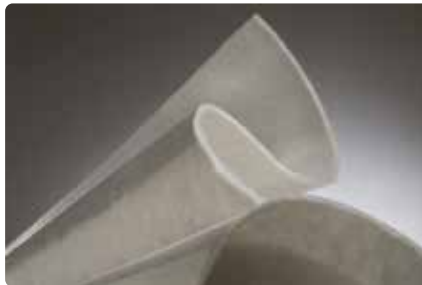
- Polypropylene thermoplastic composites are used to manufacture luggage and sports equipment. Their impact resistance and extreme strength qualifies the use of these fabrics in anti-ballistics and automotive applications.
- Woven polypropylene fabrics are strong, durable materials ideal for applications that require protection or wrapping.
- Technical textiles, both woven and non-woven, can be further enhanced by applying a coating or by laminating them to create a composite fabric.

Characteristics

- 100% recyclable PP composite
- High tensile strength
- Durability
- Lightweight
- Superior impact and abrasion resistance



Industrial fabrics | Extrusion coating & laminating



Industrial fabrics | Extrusion coating & laminating



Industrial fabrics | Extrusion coating & laminating



Get ahead with Beaulieu



Your success is our success.

At Beaulieu, we always go the extra mile to help you get ahead of your competition, develop solutions that outperform your challengers and bring your solution to the market faster.



Work with the experts

Our firm commitment to product innovation is demonstrated through international R&D collaborations with renowned institutions and associations such as KU Leuven, imec, EnergyVille, EAGM, IGS, and others. As a result, we offer a range of woven polymer textiles of exceptional quality, durability and versatility.



In-house recycling unit

Our in-house recycling unit melts production residue to create new polypropylene pellets (or granulates) that can be reused as raw materials in a number of products across the B.I.G. group. This emphasizes our commitment to reduce industrial waste and to minimize the use of raw materials. The unit and our recycling activities are QA-CER certified, guaranteeing product quality for companies producing and/or processing recycled materials in their products.

Projects in the spotlight

Project bifacial solar | Magnifield

In collaboration with KU Leuven and EnergyVille we tested 'Magnifield', a bright white polymer textile that can be recycled after use.

We assessed the increased performance of bifacial solar panels with this reflective material when compared to a grass underground.

Reflective ground covers: 10% energy gains with bifacial PV module



How to reduce 252 tons of CO2 on a single jobsite

The appropriate application of geosynthetics can make significant contributions to reduce emissions, preserve resources, keeping water sources clean, and other environmental issues. We installed the Terralys polypropylene woven geotextile for a 160.000m² runway at the Ostend airport to analyze the impact on CO2 emissions on several levels.

593 trucks of gravel = 3 trucks of geotextiles



Fruit Color Development

Smart reflective woven fabrics are installed in orchards to optimize light distribution and, consequently, the color development of fruit. These fabrics are durable and can withstand varying weather conditions and normal mechanical exposure.

Lumilys reflective orchard ground cover significantly improves fruit color development. Even and accelerated color development will boost the quality and profitability of your harvest. **Naturally enhance the coloration of apples**





Creating our own sustainability model

Why?

The 17 SDGs and the 5 related Ps (People, Planet, Prosperity, Partnerships and Peace) provide a recognisable framework for a wide variety of organisations. Not only companies, but also national governments, local authorities, non-profit organisations and many more. We feel, however, that a general framework falls somewhat short of our own unique aspirations. Sustainability is an integral part of B.I.G. and will gain even more importance in the years to come. Therefore, we decided to create a model that better reflects our sustainability approach. We age several charity programmes and we regularly count on the services of workshops for disadvantaged job seekers. However, it is especially the talent surrounding our facilities that attracts the bulk of our attention. They are the lifeblood of both their communities and our Group. So, we reach out to them from the very start. Each year, we give students the opportunity to enjoy a first work experience within our Group and explore their passions.

Sustainability is key to our long-term strategy and therefore requires a tailored model.

How?

To define the pillars of our sustainability model, a dedicated workgroup interviewed over 20 internal stakeholders. What does sustainability mean for their division? Which initiatives do they already undertake? And where should we collectively head? The answers to these and other questions allowed us to capture the true vision of our people. We then translated their concerns and ambitions into 5 focus points, which are closely intertwined with B.I.G.'s DNA.

Human, connecting and sincere: our sustainability model in a nutshell.

#1 We take responsibility for the environmental impacts generated in our **operations**.



water



energy



waste

#4 We take up responsibility for our **climate impact**.



renewable energy



CO2 emissions

#2 We value our employees and the **people** around us.



our workforce



local communities

#5 We act with integrity and value open **communication**.



communication
plan



B.I.G. policies
and guidelines

#3 We work towards a **circular economy** with the whole supply chain in mind.



content in products



packaging

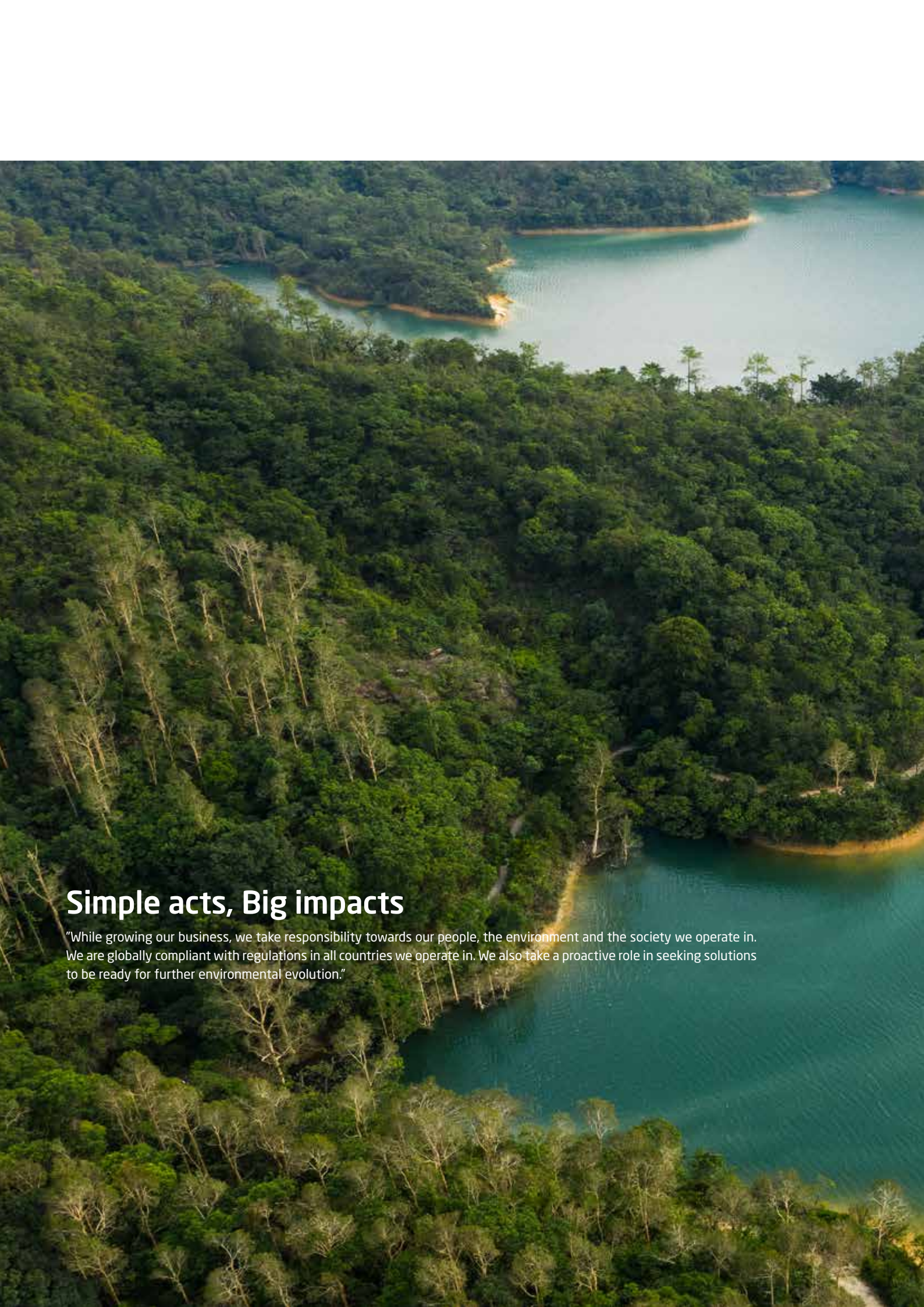


conduct code
for suppliers



circular solutions

Human, connecting & sincere:
our sustainability model
in a nutshell

An aerial photograph showing a vast, dense green forest that meets a calm, turquoise lake. The forest is composed of various types of trees, with some taller, thinner trees visible in the foreground. The lake's surface is smooth, reflecting the surrounding greenery. The overall scene conveys a sense of natural beauty and environmental stewardship.

Simple acts, Big impacts

"While growing our business, we take responsibility towards our people, the environment and the society we operate in. We are globally compliant with regulations in all countries we operate in. We also take a proactive role in seeking solutions to be ready for further environmental evolution."

United Nations Sustainable Development Goals

At Beaulieu Technical Textiles, we fully commit to integrate the UN Sustainable Development Goals into our business activities, by taking responsibility and bringing sustainable solutions into our core operations, creating value for our customers, and engaging employees and value chain partners.



You can find our sustainability impact areas on our website.

Growing responsibly





Our carbon footprint

To calculate our carbon footprint, Beaulieu Technical Textiles looked at its entire value chain, from cradle to gate, by means of an Organisational Life Cycle Assessment (O-LCA).



Increasing energy efficiency

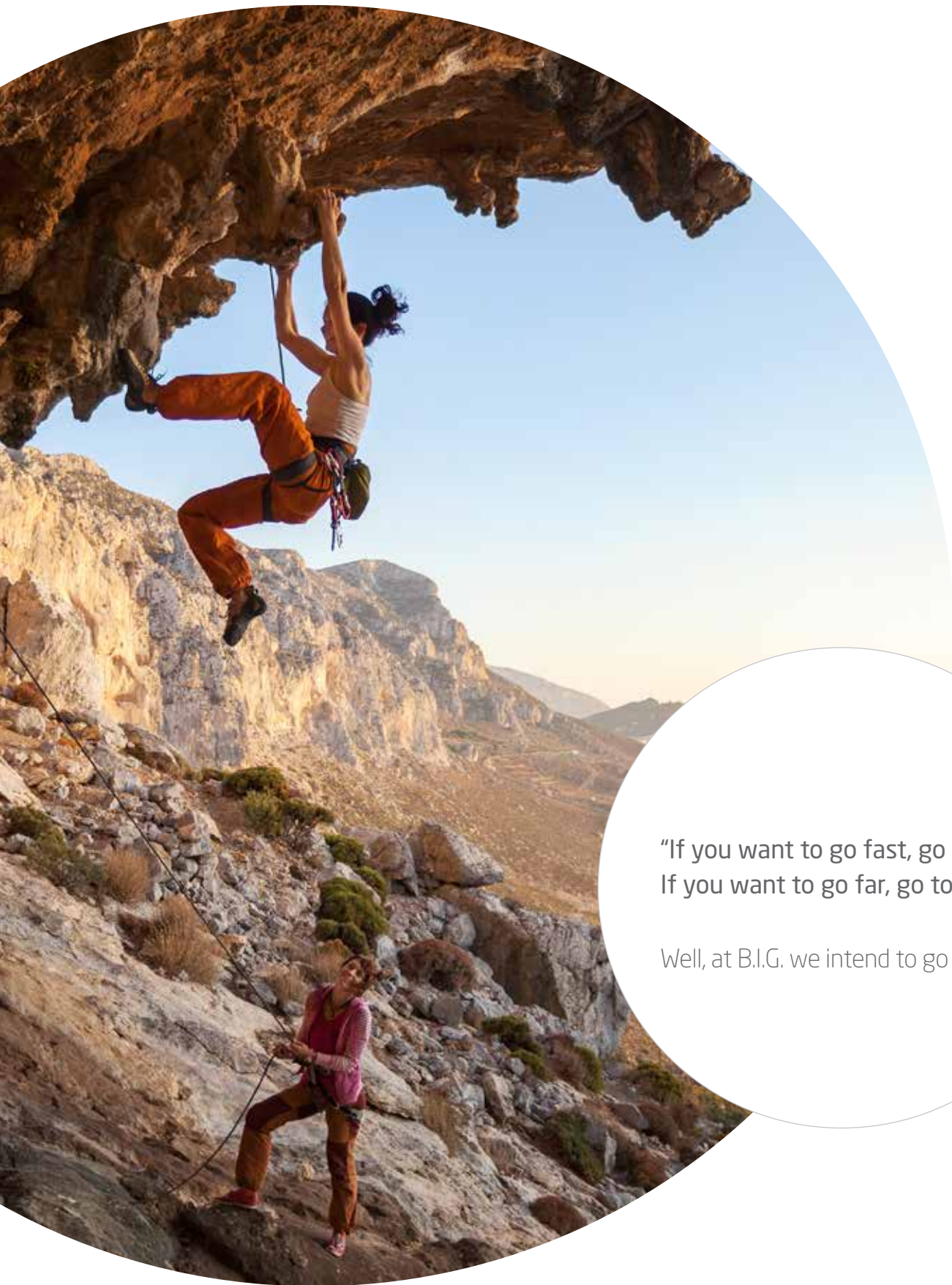
Our company commits to monitoring and analysing its energy in order to optimise processes and reduce energy consumption.



Operation Clean Sweep pledge

The plant have signed the pledge of Operation Clean Sweep (OCS), aimed at preventing plastic granulate pollution into our marine environments.





"If you want to go fast, go alone.
If you want to go far, go together."

Well, at B.I.G. we intend to go far.

Partnership

We highly value sharing know-how, expertise and resources, both internally and externally. This allows us to make better products and reach a greater audience. Whether we work together with business partners, universities, research institutions, public authorities or other organisations, everyone has something to bring to the table. Our partnerships and alliances are always win-wins and inspire us to raise the bar whenever possible.



EAGM

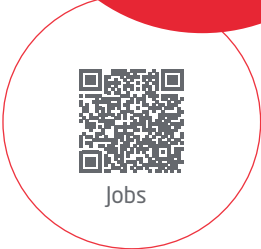
The European Association of Geosynthetic product Manufacturers (EAGM) is established with the goal to promote the knowledge and the usage of European synthetic products and to underline the sustainable benefits when applying these products.

IGS

The International Geosynthetics Society (IGS) is a learned society dedicated to the scientific and engineering development of geotextiles, geomembranes, related products and associated technologies.

Certification





Beaulieu Technical Textiles is part of Beaulieu International Group, with headquarters in Belgium.



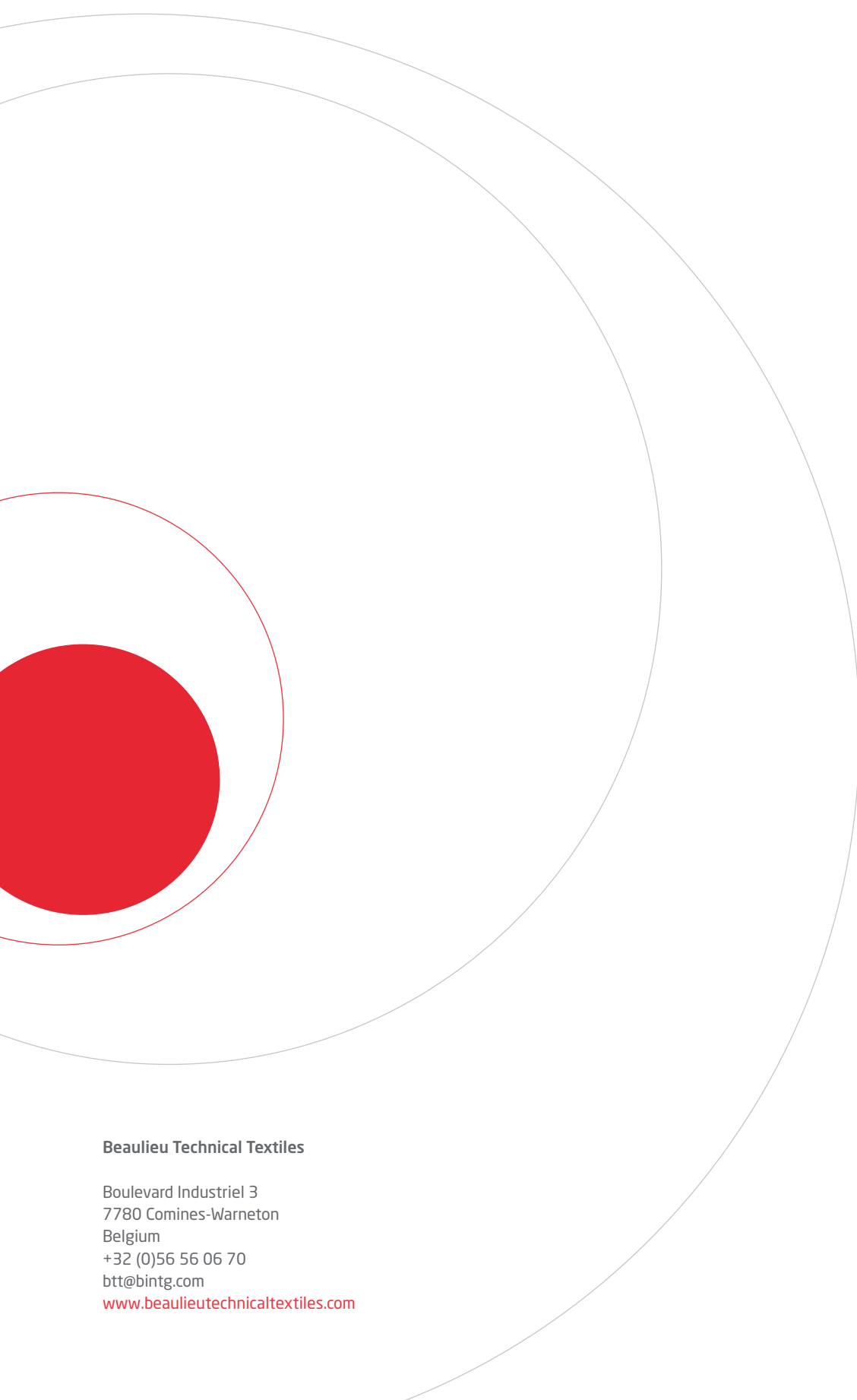
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