Company profile

2025/2026

Leather Kem

Prodotti chimici per l'industria conciaria

Leather Kem was founded in 2016 with a clear objective: to innovate and make the tanning industry sustainable. At the core of our philosophy lies the belief that only through sustainability can the sector secure its future.

From the outset, we distinguished ourselves with a lean and agile structure, capable of offering efficient service and timely technical support.

Our initial focus was the Tuscan tanning district, where we established our reputation through innovative projects on processes and products. Today, Leather Kem is a consolidated reality not only in Tuscany but also internationally, thanks to strategic partnerships with world-class producers.

COMPANY

Castelfranco di Sotto (PI)

New operational headquarters of approximately 1,400 sqm, hosting:

- Warehouse with handling capacity over 1,500,000 kg of chemicals
- Experimental application laboratory
- Administrative and logistics offices
- Showroom

Ponte a Egola (PI)

This site hosts our **Bio Lab,** the first semi-industrial scale laboratory entirely dedicated to the research, development, and industrialization of biological and sustainable processes.
The facility covers about 400 sqm.

We collaborate with **Atlas Refinery**, a fifth-generation, family-owned American company founded in the late 1800s and a leader in the production of fatliquors for the tanning and metalworking industries.

Leather Kem is the exclusive distributor for Europe and technical partner for process and product development at an international level.

Strengths of Atlas:

- Experienced management team
- Production and strategic warehouses in Newark (New Jersey)
- Global distribution network
- Use of sustainable raw materials certified Organic by the US Department of Agriculture
- Plants powered by renewable energy

Result of the partnership

An innovative line of products free from bisphenol, formaldehyde, and sodium hypochlorite, distinguished by:

- High lightfastness
- Excellent dyeing performance
- Greater leather fullness

SYNERGIES

In collaboration with **Biodermol Ambiente**, an Italian company specialized in bioenzyme research and production, we are developing on an industrial scale an ecological and sustainable enzymatic process for the soaking and liming stages.

biodermol

Project motivations:
• Comply with increasingly stringent international safety and environmental regulations
• Reduce environmental impact and safeguard workers' health

Why choose enzymatic technology:
• Fully biodegradable
• Non-toxic for both the environment and workers
• Speeds up chemical reactions while keeping them controllable
• Does not generate harmful by-products

Environmental benefits:
• Up to 60% reduction of COD in beamhouse stages
• Less refractory COD
• Up to 60% reduction in the use of sodium sulfide and hydrosulfide
• Lower water consumption
• Exclusive use of non-GMO, ecological, and biodegradable products

SYNERGIES

Leather Kem is actively engaged in replacing chemicals with biological solutions, aiming to valorize by-products currently considered waste.

From this vision, in 2022, **Grub** was born — an innovative start-up redefining the future of sustainable production.

Grub is shaping the future of sustainable manufacturing.
Our mission is to drive change in circular economy solutions, **transforming waste into valuable resources through innovative and eco-conscious methods.**

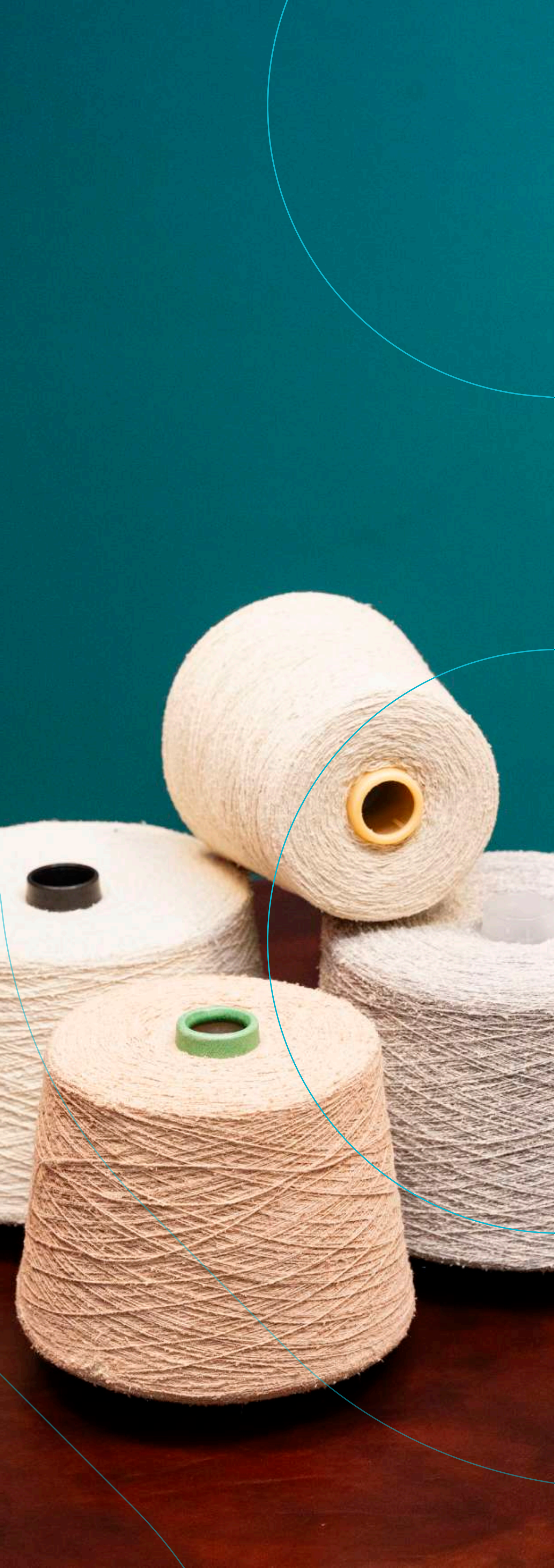
Our proprietary closed-loop system reinvents production waste into regenerated, high-quality materials, ready for a new life in the manufacturing sector. Each stage of our process is carefully executed and patented by our team of experts, ensuring full traceability and minimal environmental impact.

Grub is a **leading Italian company in sustainable resource management**, committed to transforming textile and leather waste into value. We specialize in collecting and processing both pre- and post-consumer materials, ensuring every stage complies with the highest environmental standards.

CASHPAD®, **NIKS®** e **P-REC®** form the foundation of our business model, complemented by tailored consultancy services to identify the most suitable circular solution for every need.

We are **GRS-certified**, ensuring traceability, quality, and commitment to circularity in the fashion and leather industries.

FUTURE



GRUB
GREEN CIRCULAR HUB

CASHPAD® represents excellence in insulating materials and regenerated yarns in cashmere, wool, linen, and other natural fibers. We offer high thermoregulation solutions for premium applications in clothing and interior design. Through a careful collection and selection process of pre- and post-consumer textile waste, we develop high-quality products while preserving the original properties of the fibers. Project outputs include padding, yarn balls, and threads.

NIKS® is the line specialized in creating regenerated yarns and fabrics from leather waste originating from tanning and processing. The patented technology allows industrial scraps to be transformed into valuable and sustainable materials, maintaining the distinctive characteristics of leather. Each stage is optimized to ensure high quality and minimal environmental impact, enabling industries to adopt recycled materials without compromising standards and prestige.

P-REC® is the patented method for advanced recovery of synthetic waste, simple or composite, such as PA6, PA66, and polyester. Through innovative systems we separate and regenerate difficult-to-treat materials, transforming them into high-quality recycled fabrics. Industrial processes are optimized to maximize yield and reduce environmental impact.

Sustainable Development Strategies: Tailor-made design of circular recovery solutions integrated with our industrial regeneration lines.

Sustainable Consulting: Customized projects focused on sustainability, integrating advanced recovery solutions, even beyond our consolidated industrial processes


GRUB

Regenerated insulating materials
• Yarns in cashmere, wool, linen, and blends
• Patented padding for apparel and furnishings

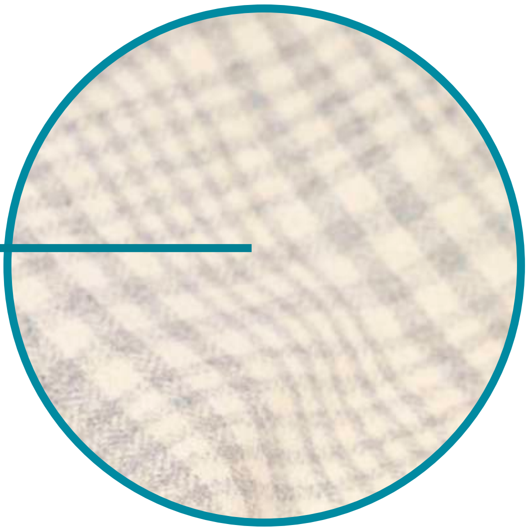
Regenerated leather fabrics
• Derived from tanning and production waste
• Patented leather yarns and fabrics
• Recycled leather through in-house technology

Synthetic material waste
• Recovery and regeneration of PA6, PA66, polyester
• Patented process for separation and recycling
• Production of regenerated nylon and polyester

Regeneration Process
• Collection of waste (industrial or post-consumer)
• Selection and processing
• Production of new yarns and fabrics:
- Cashmere, wool, blends
- Regenerated synthetic yarns and fabrics
- Regenerated leather yarns and fabrics

Sustainability Consulting
Tailor-made solutions for circular economy and waste recovery
Customized projects
Circular recovery tailored to customers' needs

FUTURE



Perfect printability
Ensures impeccable color rendering, with sharp details and intense shades that enhance every graphic project.

Maximum resistance
Withstands wear, frequent washing, and challenging conditions without losing shape or brilliance.

Extreme flexibility
Adapts to every creative and production requirement, offering comfort and freedom of use across multiple applications.

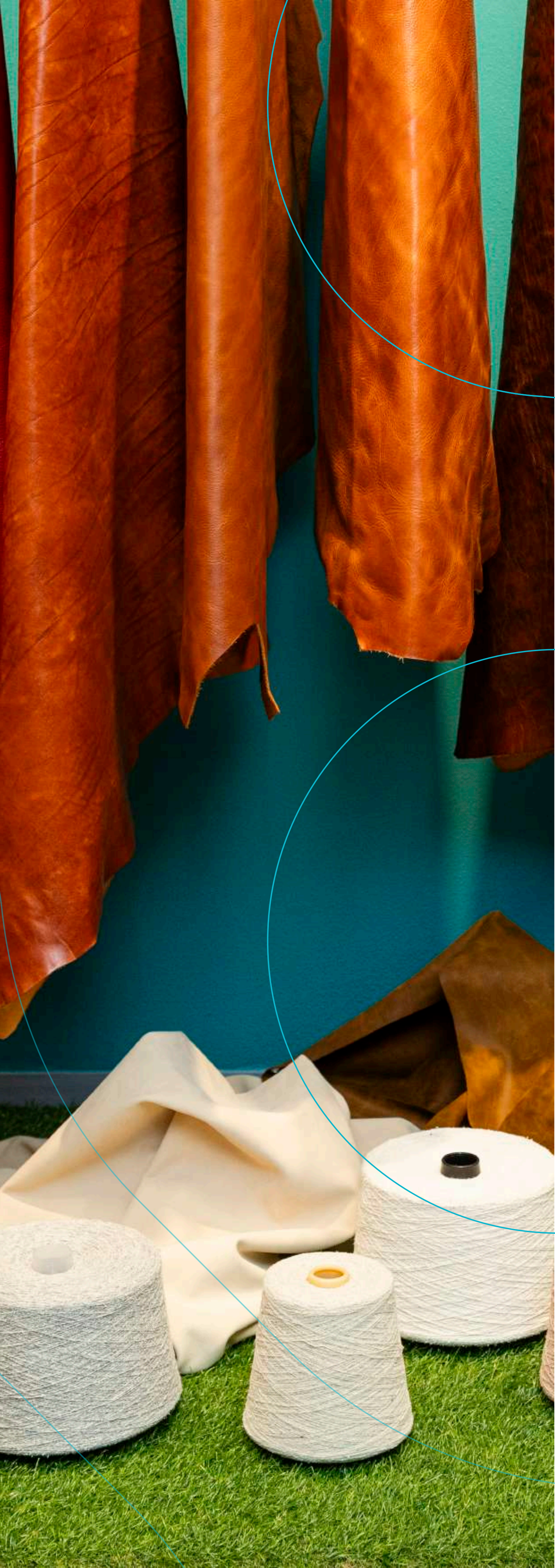
Headquarters and Production
Registered Office: Via Orio 18, Bergamo (BG)
Production: Via del Castagno 9, Castelfranco di Sotto (PI)

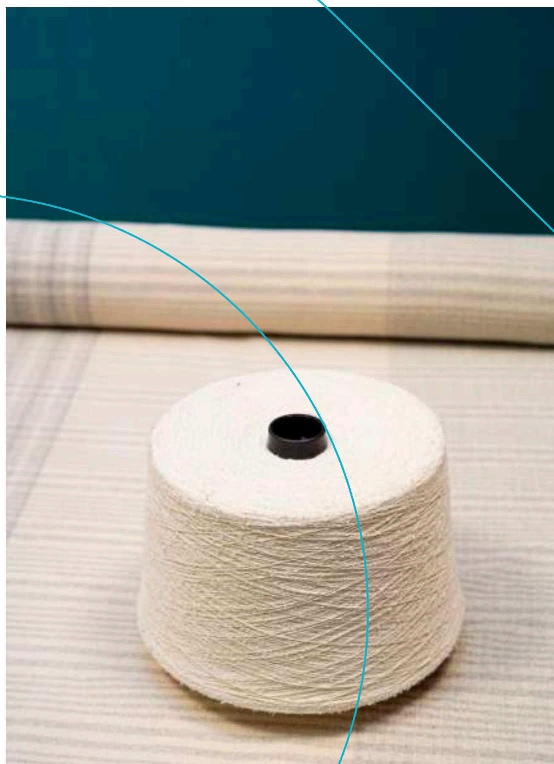
Industrial Leather Department
Castelfranco di Sotto (PI) with:
- Warehouse
- Production line
- Administrative offices
- Logistics
- Showroom
- Chemical laboratory

Sustainable Assets
- Water treatment plant – 24 m³/day (100% water recovery))
- Photovoltaic panels – 150 kW + storage batteries
- CO_2 emissions reduction – LCA analysis in progress

Industrial Developments (2024–2026)
- Costruzione di nuovi impianti di produzione
- Expansion of production capacity
- Installation of new solar panels and water treatment systems

SERVICE





GRUB
GREEN CIRCULAR HUB


CASHBALL
WOOLBALL

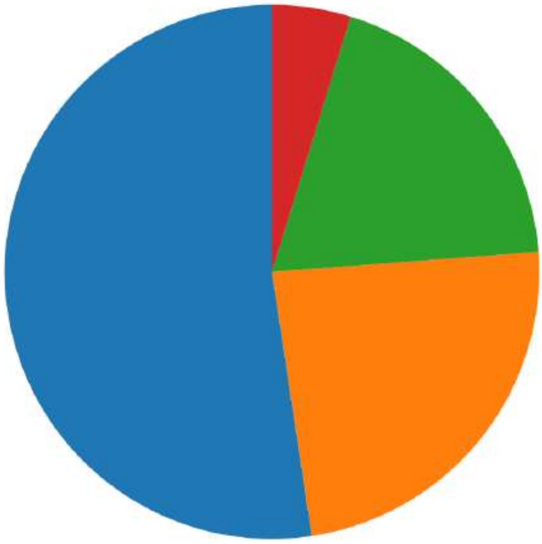

GRUB

Investments

55%
in machinery

25%
in R&D

20%
in human resources



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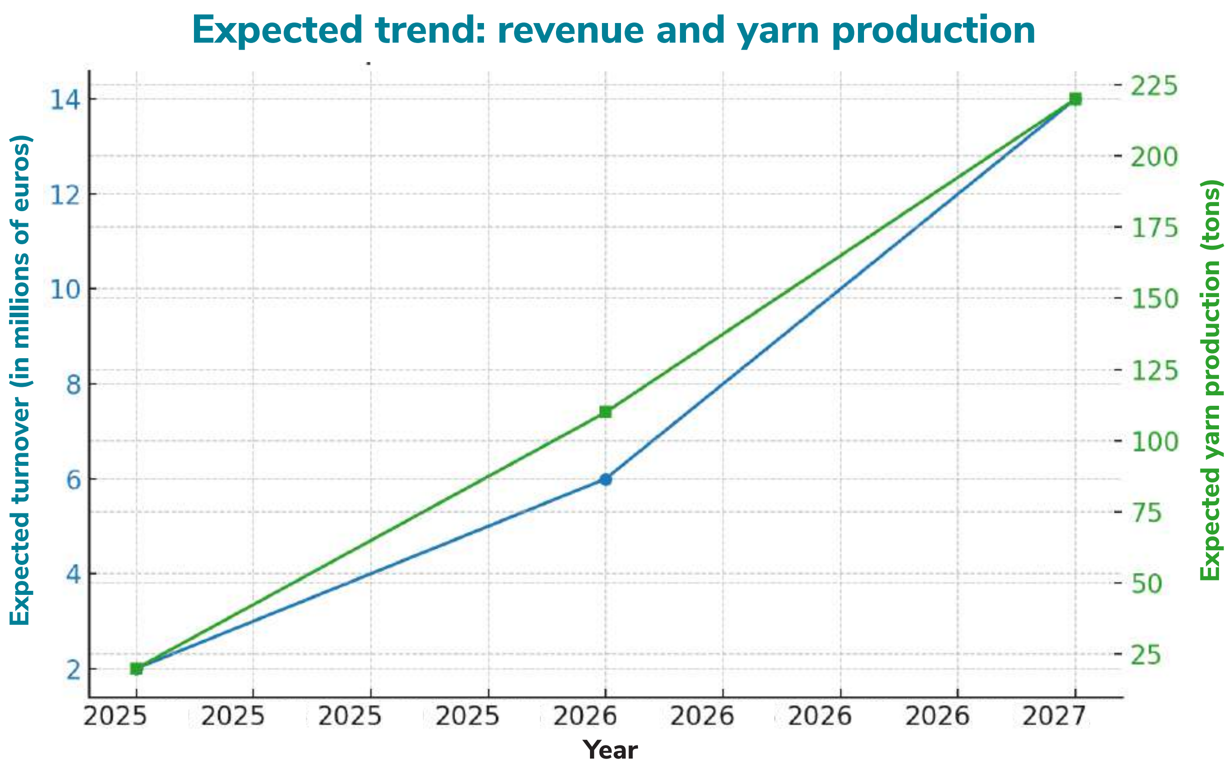
DEVELOPMENT


Leather Kem

Forecasts

Expected Revenue
2025: 2M
2026: 6M
2027: 14M

Expected Yarn Production
2025: 20T
2026: 110T
2027: 220T



FORECASTS

Partner e Collaborations

Production and research partners

- Detanning
- Fiber obtaining
- Spinning
- Weaving

Commercial and development partners

- SK!N Srl (Milano e Parigi)
- Coast 2 Coast Textile & Apparel Agency (New York, Los Angeles)

Via Paolo Borsellino, 14/16
Ponte a Egola (Pi)

Via del Castagno, 9
Castelfranco di Sotto (Pi)

www.leatherkem.it