



BSF ENTERPRISE
Bio-Sustainable Future.

Unlocking the next generation of tissue engineered materials

INVESTOR PRESENTATION
October 2024

Executive Summary

- **BSF Enterprise PLC** develops cutting-edge biotechnological solutions for sustainable tissue engineered materials, including lab-grown leather, cultivated meat and human corneas.
- Differentiated superior tissue engineering platform to create “scaffold free” structural tissues, supporting multiple growth opportunities.
- Strategic Joint Ventures to scale cultivated meat production and establish manufacturing plants in China, tapping into the vast Greater China market.
- Establishing proof of concept with major luxury goods players for lab grown leather; potential to significantly reduce environmental impact and transform the market.

With major milestones and value inflection points ahead,
BSF is poised for significant growth and currently presents
a prime entry point for long-term investors.



BSF Enterprise PLC – Management Team



Dr. Che Connon
Managing Director

- o Internationally acknowledged as a leader in Tissue Engineering and applying this to commercial aims.
- o Published over 100 papers.
- o An academic entrepreneur and successfully founded four Bio-tech spin-outs.



Geoffrey Baker
Executive Director

- o A qualified lawyer in Australia and Hong Kong.
- o Commercialised innovations including bio-medical apparatus for sleep apnoea, and engine technology now being developed in China as an auxiliary power unit for electric engines.



Min Yang
Executive Director

- o A wealth of experience spanning over 30 years of in international investment.
- o Expertise in the identification, acceleration and realisation of investments across a range of industries including property, resources, technology and finance.

BSF Enterprise PLC – Management Team (continued).



Graham Duncan
CFO

- o A Chartered Accountant with over 20 years of capital markets experience.
- o Holds a Corporate Finance Diploma issued by the ICAEW and has specialised in advising UK-listed companies.



Ricardo Gouveia
CSO

- o Scientist with expertise in biochemistry, biotechnology, and bioengineering, has nearly 20 years of research in stem cell biology and tissue biofabrication. His acclaimed work underpins many of 3DBT's proprietary technologies.



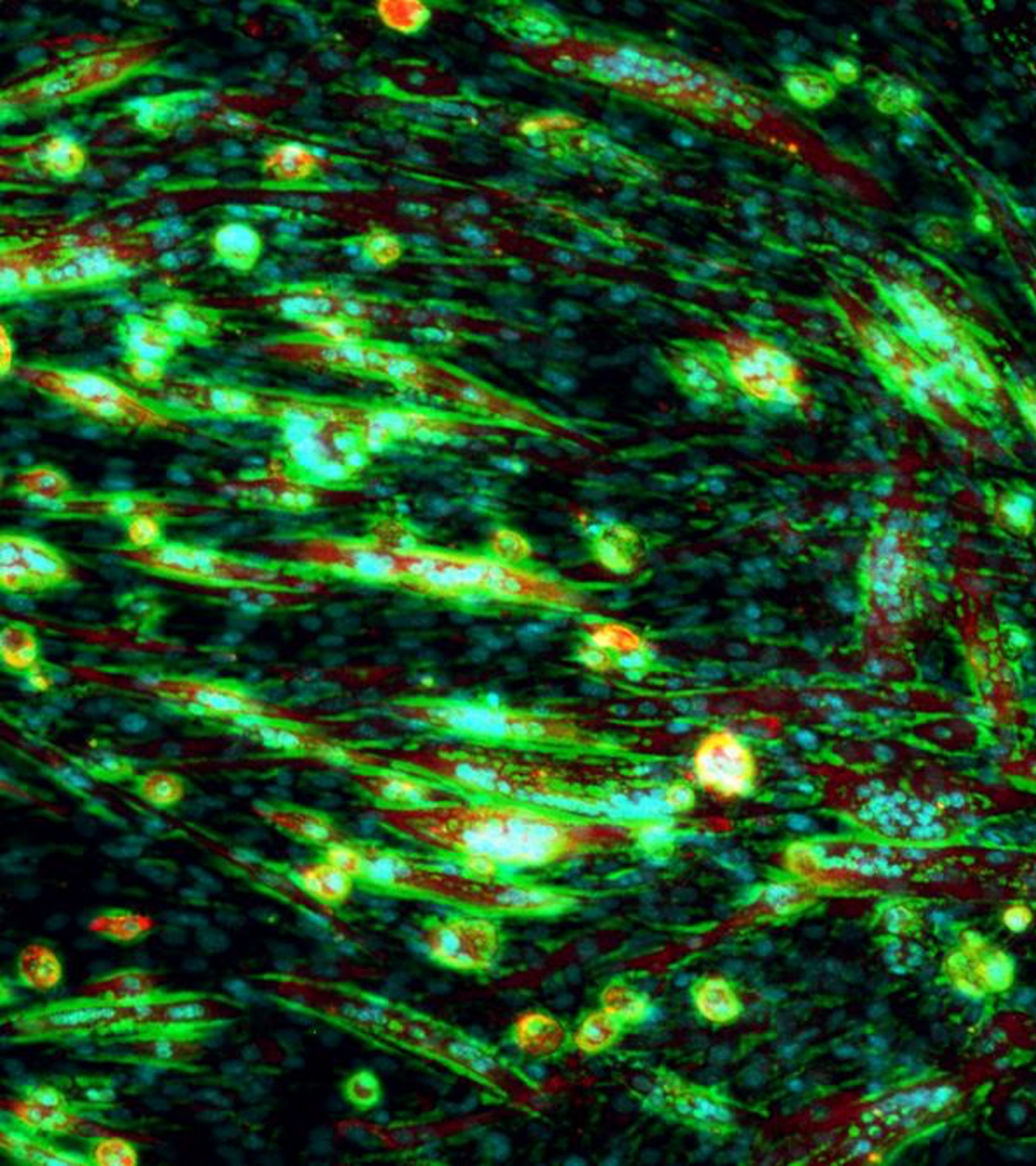
Marcelo Bravo
CBO

- o Seasoned entrepreneur and C-level executive with expertise in life sciences, healthcare, advanced materials and FMCG. Founded four UK startups, raised £50 million, and led two to AIM listing.

Biotech that addresses real challenges.

- Livestock farming causes 24% of greenhouse gas emissions, uses 33% of drinking water, and 66% of antibiotics.
- It leads to more deforestation than soy, palm oil, and wood combined.
- Tissue engineered cultured alternatives can eliminate the slaughter of 70 billion farm animals and reduce antibiotic resistance.
- They also help halt deforestation and reduce harmful byproducts of leather production.





What's Scaffold-Free?

- Tissues need structure and cells for proper texture, strength, and mouthfeel.
- Tissue engineered materials often use synthetic or plant-based scaffolds for structure which affect the natural feel and quality of the final product.
- Our patented process lets cells create their own natural structure, improving function and compatibility with existing processes.

Multiple Growth Opportunities



BSF ENTERPRISE
Bio-Sustainable Future.



3D Bio-Tissues



Kerato



BSF ENTERPRISE
HONG KONG
Bio-Sustainable Future.



Cultivated Meat
Technologies



Lab-Grown
Leather

Lab-Grown Leather Ltd

In 2023, 3DBT engineered samples of animal skin tissue.

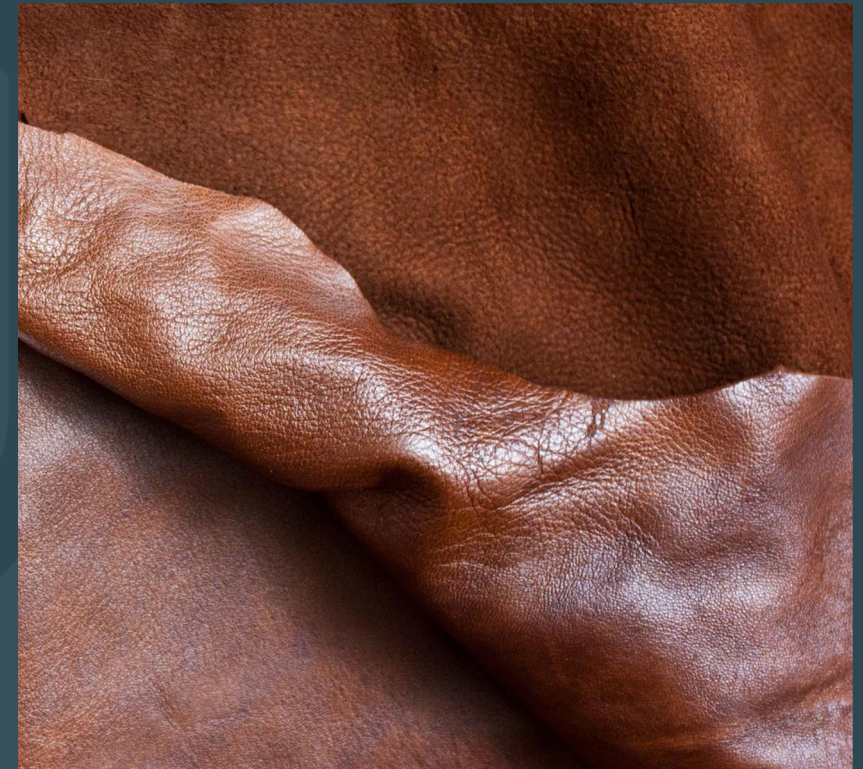
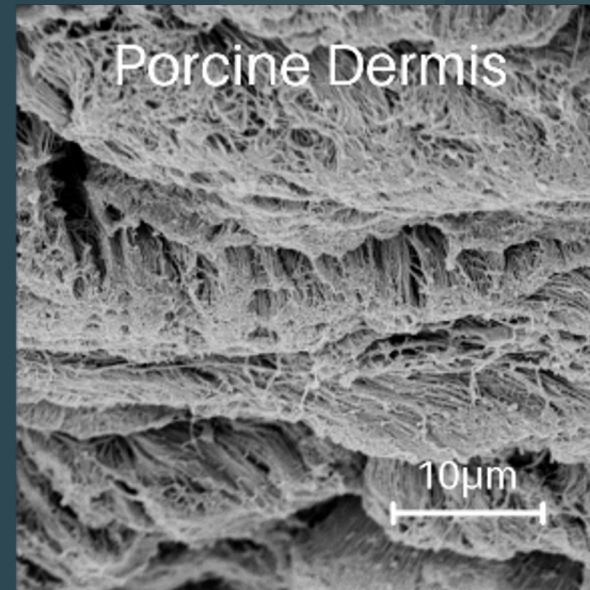
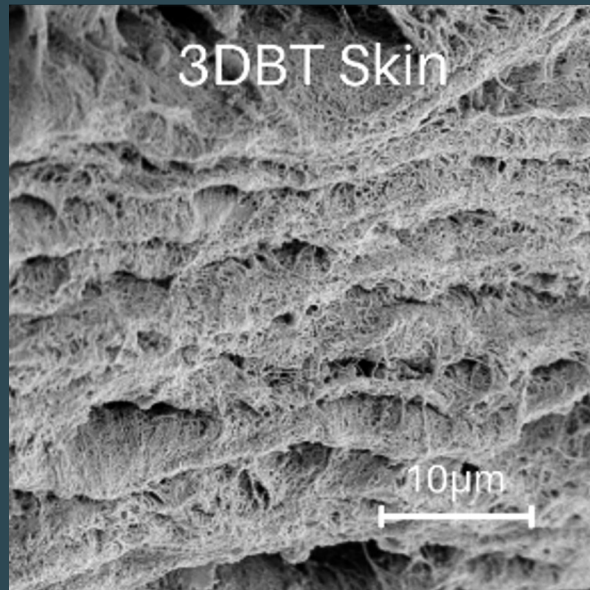
BSF is initiating development programmes with three of the five most valuable global luxury brands.

Now developing a separate business – **Lab-Grown Leather** – to scale up technical development and operational sales of animal skin products.



Case Study: **3DBT Skin**

Real Leather Without The Animal



We are the only company in the world able to make real leather without additives ('scaffolds')



Making Headlines

FASHION NETWORK

DESIGN CAMPAIGNS INDUSTRY INNOVATIONS COLLECTION PEOPLE EVENTS APPOINTMENTS

UK start-up unveils lab-grown real leather for luxury goods

A UK tissue engineering company has unveiled a sample of the material at a fashion event, but the technology is still at a sample stage for now but the fashion sector.

The Telegraph UK NEWS WEBSITE OF THE YEAR 2024

UK news Tory leadership Politics World Health news Defence Science Education Environment

Coming to a store near you – shoes made of lab-grown leather

Biotech company in the North East successfully creates a sustainable version of the material – without the need for animals

Sarah Knapton
Science Editor

Related Topics
Sustainable Fashion
20 May 2023 6:00pm BST

18

One of the pieces of leather made from the firm's lab-grown leather. The firm's shoes made from leather became the first to be made from lab-grown leather.

Interviews

Is 3DBT's lab-grown leather the future of cruelty-free fashion?

In a conversation with the CEO of Newcastle-based biotech startup 3D Bio-Tissues (3DBT), Shemona S... style learns about his goal to prove genuine leather can be made without harming animals.

World Bio Market Insights
News & Inspiration for the bioeconomy

HOME INSIGHTS NEWS WBMI TV NEWSLETTER OUR EVENTS

Biotech startup 3D Bio-Tissues debuts high-quality lab-grown leather

by **Daniela Castillo Monagas** — 4 months ago in **Technology** Reading Time: 2 mins read



vegconomist
the vegan business magazine

Products Interviews Food & Beverage Ingredients Retail Cultivated

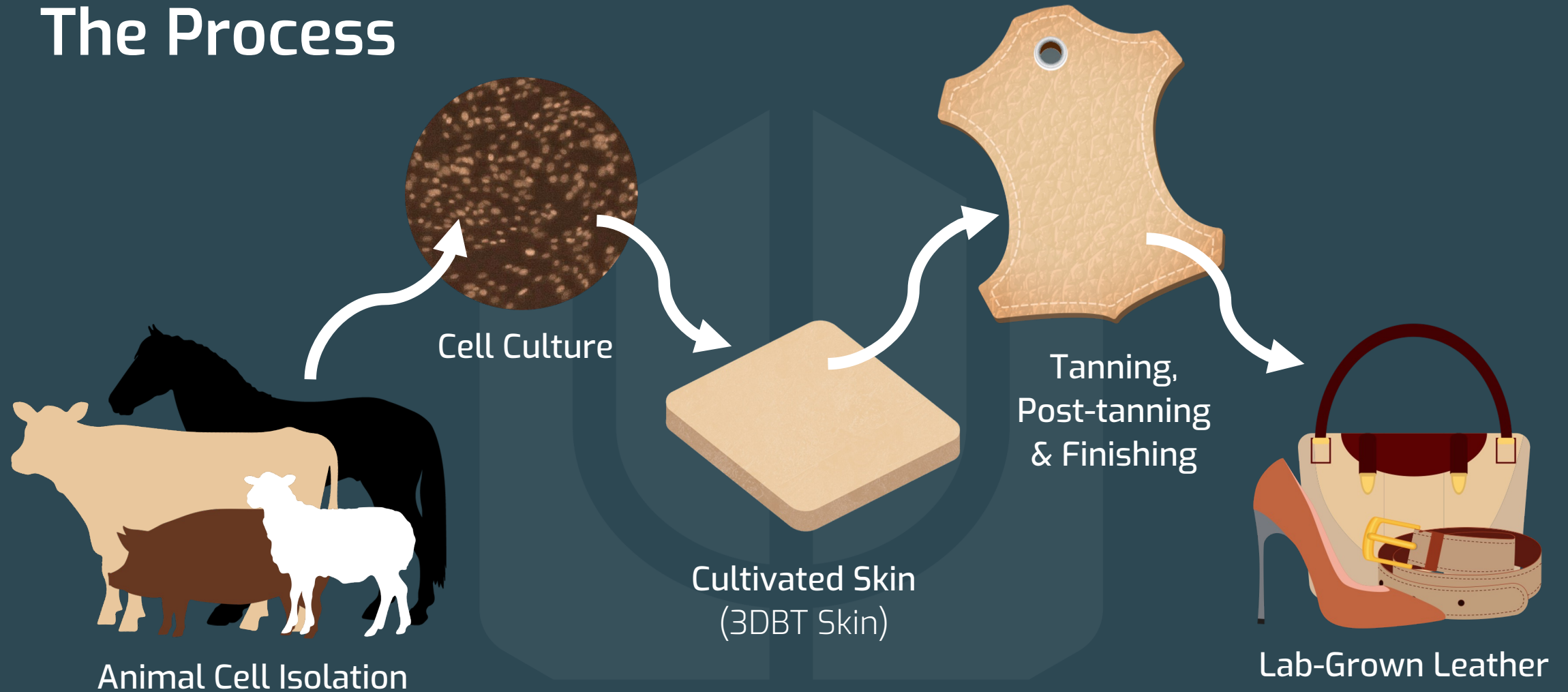
By Region Organizations and brands Listed Companies

Alternatives

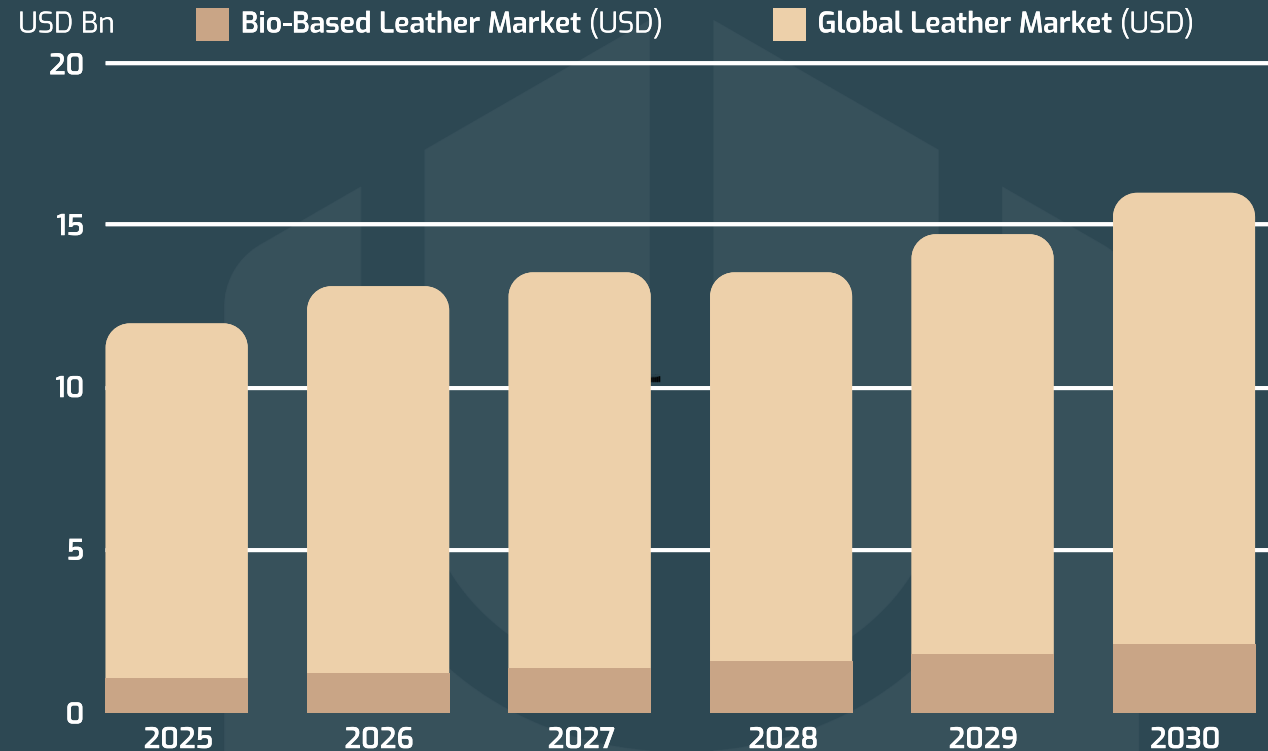
Lab-Grown Leather: An Industry Expected to Grow by 37.4% Annually Over the Next Decade

October 17, 2024

The Process



Significant potential to transform the leather goods market



Adding a sustainable choice to traditional leather, without compromising on quality, luxury, or environmental integrity.

- Bio-based leather alternatives, reaching >\$2B by 2030
- 3DBT Skin uniquely replicates the look, feel, and performance of traditional leather
- Opportunity to participate in the growth of a market poised for significant expansion



Kerato Ltd

- **Kerato** leverages advances in tissue engineering to address the global shortage of donor human corneas for medical and research uses.
- Developing **LiQD Cornea**, a novel alternative for corneal repair, reducing global dependence on donor tissue.
- Focused on transitioning corneal technology and IP into treatments, starting with veterinary applications.
- Completion of veterinary clinical trials and commercial launch in USA/Canada in 2025.



Cultivated Meat Technologies Ltd

- **3DBT'S** R&D has generated leading IP in the growth of cells and production of cultivated meat with class-leading sensory attributes
- **CMT** uses expertise with **3DBT's** tissue engineering technology and **City-Mix™** media supplements to drive commercial uptake and develop new forms of high protein content food
- Alignment of production process with that used by LGL enables progress to be made in a highly cost-effective way.
- Licensing agreements with meat producers, distributors, and retailers.



BSF Enterprise (Hong Kong) Ltd

- Established presence in Hong Kong to bring the companies tissue engineered materials to the Greater China market.
- China consumes over 100 million tons of meat annually, a quarter of global consumption.
- Developing a distribution network and partnering with biotech companies in cultivated meat, gene therapy, and regenerative medicine.
- Strategic partnership with **Ivy Farm**, helping them raise capital and secure partners for building cultivated meat facilities in China.



Next 18 Months: Multiple Value Inflection Points

- **Kerato:** Completion of veterinary clinical trials and commercial launch of corneal repair technology.
- **3DBT:** Increase supply of **City-Mix**™ to leading cultivated meat partner and launch of **CytoBoost**™ range to Research and Biopharma industry.
- **Lab-Grown leather Ltd:** Progression of joint development programmes with major luxury goods houses, initial development of industrial manufacturing process.
- **CMT:** Secure partnerships with major food processors and producers as commercial exploitation partners.





Appendix

LON:BSFA (UK)
BSFAF:QB (US)

www.bsfenterprise.com

Investor Relations Information

Shareholders

BSF Angel Funding LTD
Che Connon
Jarvis Inv Mgmt Ltd
Hargreaves Lansdown plc
Newcastle University Holdings Ltd
Interactive Investor Trading
Advance Plan Investments Ltd
Vidacos Nominees
WB Nominees
Geoff Baker
Ricardo Gouveia
Trade Hero Holdings

% Holdings

16.08
12.50*
12.09
9.47
6.70
5.08
4.84
3.47
3.08
2.50*
2.05
1.93

Advisors

Brokerage

Shard Capital Brokers

UK Legal

Reynolds Porter Chamberlain LLP

Communications

SEC Newgate

Indigo Multimedia

UK Stock Code: LON:BSFA

US OTCQB Code: BSFAF:QB

www.bsfenterprise.com

*Che Connon and Geoffrey Baker are Directors of BSF Enterprise



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