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Unveiling of World's First T-Rex Leather™ Product and Commercialisation Roadmap

BSF Enterprise PLC (LSE: BSFA; OTCQB: BSFAF), a leader in the field of lab-grown tissues and sustainable biotechnology, is pleased to announce the unveiling of the world's first product made from lab-grown **T-Rex Leather™** via its wholly owned subsidiary Lab-Grown Leather Ltd

The product, a one-of-a-kind luxury handbag designed by the avant-garde techwear label **Enfin Levé**, will be debuted today at the **Art Zoo Museum** in Amsterdam. The unveiling marks a significant milestone for BSF's wholly owned subsidiary, **Lab-Grown Leather Ltd.**, demonstrating the successful application of its proprietary tissue engineering technology to extinct protein sequences.

Technological Breakthrough

T-Rex Leather™, an LGL proprietary material forming part of its **Elemental Leather™** range**,** was developed through a unique scientific collaboration between **Lab-Grown Leather Ltd.**, **The Organoid Company**, with the marketing support of creative agency **VML**.

- **Reconstruction:** Scientists used AI-driven computational modelling to reconstruct complete collagen blueprints from fossilised T.rex sequences. Collagen being the principal structural element preserved in skin during the formation of leather.
- **Cultivation:** Using Lab-Grown Leather's **Advanced Tissue Engineering Platform (ATEP™)**, which underpins **Elemental Leather™**, billions of engineered cells were cultivated to create a uniquely novel material based upon predicted prehistoric genomic information. This innovative platform facilitates the production of a new class of bio-material, offering unique aesthetics and feel not seen for 68 million years, whilst retaining structural properties found in traditional leather but without the need for animal slaughter or synthetic scaffolds.
- **Sustainability:** The resulting biomaterial is durable, repairable, biodegradable, and compatible with existing leather finishing techniques.

Commercialisation and Market Strategy

While the initial handbag serves as a high-profile proof-of-concept, the Company intends to scale the underlying technology across multiple high-value sectors:

- **Luxury Fashion:** T-Rex Leather™ will be made commercially available to premium brands and designers for use in luxury accessories.
- **Automotive & Performance:** Long-term ambitions include providing high-performance, slaughter-free interiors for the automotive sector and other high-performance material markets.
- **Market Opportunity:** The Company is positioning its core product **Elemental Leather™** portfolio to capture share in the **$60 billion** luxury leather market and the **$20 billion** bio-based materials market.

Upcoming Auction

Following a six-week exhibition at the Art Zoo Museum, the one-of-a-kind T-Rex Leather™ handbag will be sold to the highest bidder. The Company expects the auction to be conducted via a major international auction house later this year. Further details regarding the auction partner and date will be released in due course.

Dr Che Connon, commented:

> "By collaborating with VML and The Organoid Company, we're unlocking the potential to engineer leather from prehistoric species. This venture showcases the power of cell-based technology to create materials that are both innovative and ethically sound, paving the way for commercially attractive improvements in unique character and cost-efficiency".

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Engage with the BSF Enterprise management team directly by asking questions, watching video summaries and seeing what other shareholders have to say. Navigate to our Interactive Investor website here:

https://bsfenterprise.com/about

For further enquiries, please visit www.bsfenterprise.com or contact:

BSF Enterprise PLC Geoff Baker - Chairman Che Connon - CEO & Director We encourage all investors to share questions on this announcement via our investor website.	https://bsfenterprise.com/s/a1f22b
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About BSF Enterprise PLC

BSF Enterprise PLC (LSE:BSFA) develops and commercialises cutting-edge tissue-engineered solutions, including lab-grown leather (via LGL), cultivated meat, and corneal repair technologies. By leveraging its proprietary scaffold-free ATEP™ platform, BSF delivers sustainable, high-performance alternatives to conventional materials, targeting global markets where provenance, ethics, and performance are increasingly prized by consumers and brands alike.

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