



## **Modern Meadow/SINGTEX Co-Development Partnership to Bring Groundbreaking Sustainable Materials Development at Scale to Mainstream Outdoor Apparel Market**

*The collaboration will deliver real-world impact to the industry, with a true marriage of superior performance with sustainability*

**NUTLEY, N.J., January 10, 2023** - Modern Meadow, a purpose-driven biotechnology trailblazer, today announced a groundbreaking co-development partnership with SINGTEX, a global supplier to world-renowned brands and a pioneer in all-around, eco-friendly functional textiles. The two industry leaders will develop new and innovative biomaterials across a range of applications starting with a sustainably produced, high-performance waterproof membrane-based material for outdoor apparel.

Powered with Bio-Alloy™, Modern Meadow's proprietary protein-based technology, and SINGTEX's know-how as a prominent global manufacturer of eco-friendly and functional textiles, the partnership will address the unmet needs of the outdoor apparel industry, marrying performance with sustainability through a variety of product innovations, starting with this new material. Free of solvents, like Dimethylformamide (DMF), and free of per- or poly-fluorinated alkyl substances (PFAS), the bio-derived membrane-based material is engineered to bring the outdoor industry a sustainable solution at scale that protects human health and the environment while delivering superior product performance through waterproofing, breathability, abrasion, and durability.

"As the consumer demand for products that are environmentally friendly accelerates, this partnership is essential to deliver high-performing sustainable materials at scale to market, creating real-world impact," said Catherine Roggero-Lovisi, CEO of Modern Meadow. "Modern Meadow and SINGTEX will engineer each aspect of the product to enable outdoor apparel and gear manufacturers to replace the use of harmful chemicals, petrochemical, and animal byproducts with ethical and environmentally friendly inputs, meet more stringent consumer demands and achieve sustainability goals."

"This is only the start of SINGTEX's journey of collaborative innovation with Modern Meadow," said SINGTEX Group Chairman Jason Chen. "It's a pleasure to start working with Modern Meadow and play to each of our unique strengths to deliver true impact in this space. Together, we are excited to work towards unveiling our new environmentally sustainable biobased product that is ready to ring in the next generation of sustainable, high-performance textiles."

Modern Meadow's Bio-Alloy™ is a proprietary technology application platform that delivers unique performance and sustainability to materials. The Bio-Alloy™ technology brings a special set of mechanical and thermal properties to materials for a range of applications. Modern Meadow's technologies drop into existing infrastructures for immediate scalable adoption in textiles, beauty, and

other industries, a rarity in the sustainable biotechnology space. Modern Meadow, known for its innovative contribution to the BioFabbrica Bio-Tex™ material that has been shown to reduce greenhouse gas emissions by over 90% compared to traditional leather, will expand their commercial offerings to material families beyond alternative leather for greater impact.

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#### **About Modern Meadow**

Modern Meadow is a purpose-driven company positioned at the intersection of material science and biology with a mission to be a catalyst for the wellness of people and the planet. Modern Meadow's proprietary Bio-Alloy™ and Bio-F@rm™ technology application platforms harness the unique properties of tuned proteins to sustainably move the world away from petrochemical and animal-derived inputs without compromising on performance. These innovations can drop into any existing infrastructure for immediate scalable adoption in materials, beauty, and other industries. Our close relationship with development partners and production facilities allows companies partnering with Modern Meadow to feel confident knowing our products are 100% traceable from Lab-to-Brand™. To learn more about Modern Meadow, please visit [www.modernmeadow.com](http://www.modernmeadow.com).

#### **About SINGTEX**

Founded in 1989 as a producer of woven fabric, SINGTEX has constantly pursued the brand culture of innovation and R&D and is now one of the most prominent suppliers of eco-friendly and functional textiles in Taiwan. In 2007, the group established a high-precision, eco-friendly dyeing and finishing R&D center that allows SINGTEX to comply with environmental regulations in energy and dyes. SINGTEX has also obtained numerous global environmental certifications; bluesign, EOCA, OEKO-TEX, GRS, and Higg Index. To learn more about SINGTEX, please visit [www.singtex.com](http://www.singtex.com).

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