NEXT-GEN MATERIALS LOOKBOOK: FEBRUARY 2024





FELDER+FELDER X MARIO BRAGHIERI X ECOVATIVE

At the Future Fashion Concepts event held at the Istituto Marangoni Miami (IMM), bespoke fashion brand Felder+Felder and Mario Braghieri, head of fashion design at IMM, debuted a



LIES MERTEN X WIJNBAR ONA X VEGEA

Belgian accessories brand Lies Merten collaborated with Belgian wine bar Wijnbar ONA on a limited edition wine bag. The bag is crafted from Vegea's grape waste leather alternative, with only 30 bags available for purchase.

Image Credit: Lies Merten

NEXT-GEN LEATHER **ALDANONDO Y FDEZ** X MYCOWORKS Aldanondo y Fdez, a bespoke footwear brand founded by two master shoemakers, crafted new shoe variations made from MycoWork's REISHI™ mycelium material.





Image Credit: Photography by Jena Cumbo





NEXT-GEN DOWN



POSITIVE MATERIALS X PETRATEX X PDS VENTURES X PONDA

At Première Vision in Paris, a collaborative capsule collection from Positive Materials, Petratex, and PDS Ventures was revealed. The collection contained six garments made from innovative materials and technologies, including Ponda's BioPuff® plant-based down alternative. BioPuff® was used as wadding in this faux leather jacket.

NEXT-GEN DOWN & FUR



NEXT-GEN SILK/POLYESTER



REFORMATION X LENZING

Reformation, together with activist Monica Lewinsky and Vote.org, released a new collection of workwear essentials as part of their "You've Got the Power" voting campaign. The collection features a multitude of styles made from Lenzing's TENCEL™ Lyocell.

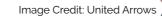
BECKMANS COLLEGE OF DESIGN X SPINNOVA®

At the Beckmans College of Design Fashion Collaboration Show in Stockholm, two fashion design students, Emma Carling (pictured left) and Miranda Berg (pictured below), created collections using SPINNOVA® cellulosic fiber.

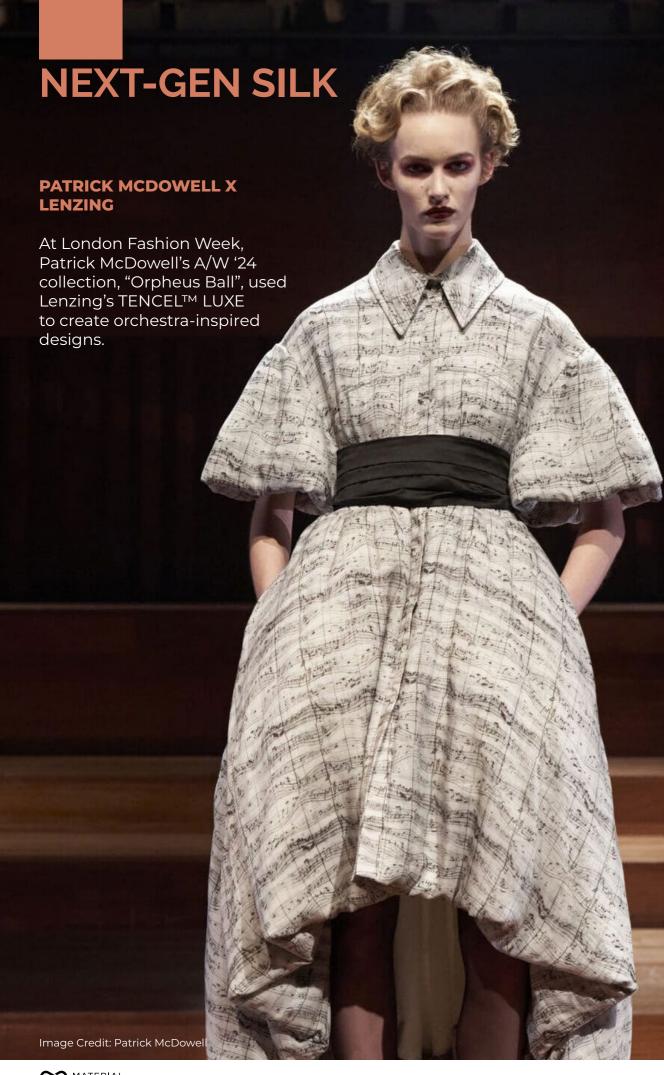


MARUBENI CORPORATION X UNITED ARROWS X CIRC

Japanese business conglomerate Marubeni Corporation and clothing brand United Arrows debuted a capsule collection, "United Arrows Green Label Relaxing", made from Circ's recycled fiber material. The collection features two knit sweaters, and marks the first Japanese brand to use Circ's recycling technology.









SESSÙN X LENZING

French clothing brand Sessùn's new spring collection features various designs made from Lenzing's TENCEL™ fibers.

Image Credit: Sessùn

INFINITY VESSEL X SPINNOVA



SPECIAL FEATURE

This month we are featuring a jacket made using Modern Meadow's Bio-Alloy™ technology, a proprietary plant-based protein coating which replaces harmful PFCs. PFCs are known to harm the environment, humans and animals. Though not in our typical biomimicry scope, we think this is breakthrough chemistry and worth sharing.

STONE ISLAND X MODERN MEADOW

Italian technical apparel brand Stone Island's S/S '24 collection included two cotton jackets made using Modern Meadow's Bio-Alloy™ technology. This technology, made of an alloy of their proprietary plant-based proteins and bio-based polymers, can be applied to other materials for enhanced performance and durability without the use of harmful chemicals like PFCs or synthetics.



Image Credits: Stone Island



METHODOLOGY

The research for this report was gathered from news articles and the websites and social media of next-gen innovators. Only collaborations/products featuring next-gen innovators from MII's Innovator Master List were included. Additionally, any products that were not from the featured month, at least 30% bio-based, did not mimic an animal-derived material, or products blended with animal-derived materials (including recycled) were not included in

Once the research was completed, the collaborations were sorted by biomimicry material (i.e. leather, silk, wool, etc and their polyester or acrylic counterparts.)

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We'd also like to thank the leading next-gen material companies, industry stakeholders, and investors for their generous input and support.

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