

NEXT-GEN MATERIALS LOOKBOOK:

JANUARY 2024



NEXT-GEN LEATHER



LOTTO X MABEL INDUSTRIES

Italian sportswear brand Lotto presented their newest sneaker, the “LOTTO OOH!” at Pitti Immagine Uomo in Florence. The shoe is entirely constructed from recycled materials, including the upper made from Mabel Industries’ Uppeal™ apple leather alternative. The “LOTTO OOH!” will be available for purchase in autumn/winter 2024.

Image Credit: Lotto

BRAVE GENTLEMAN X NFW

At a recent Knicks game where brooklyn-based vegan fashion brand Brave Gentleman was awarded a small business grant, the brand presented the first ever, and fully functional, basketball made from NFW’s Mirum® material.



Image Credit: Brave Gentleman



LIGNE ROSET X MYCOWORKS

French furniture brand Ligne Roset announced their plans to purchase a significant portion of the production capacity of MycoWorks’ Reishi™, for use in upcoming product releases. To celebrate this, Ligne Roset revealed the brand’s signature Togo chair upholstered in Reishi™.

Image Credit: MycoWorks

NEXT-GEN LEATHER

Stella McCartney released their Spring '24 collection, entitled “The Lady Garden”, made of 90% “responsible materials”. These materials included, but are not limited to, Vegea’s leather alternative, Mabel Industries’ Uppeal™, and NFW’s Mirum®.

STELLA MCCARTNEY X VEGEA

Stella McCartney released eight different footwear options featuring Vegea’s leather alternative, including multiple styles of sneakers, espadrilles, sandals, and wedge heels.



Image Credits: Stella McCartney



STELLA MCCARTNEY X NFW

Stella McCartney released three handbags made from NFW’s Mirum®.



Image Credits: Stella McCartney

NEXT-GEN WOOL/ACRYLIC

UNITED ARROWS X SPIBER

Japanese clothing brand United Arrows unveiled products from their newest sustainability initiative, including the release of two sweaters made from Spiber’s Brewed Protein™. The sweaters will be available for purchase in early February in Japan only.



Image Credit: United Arrows

STELLA MCCARTNEY X MABEL INDUSTRIES

Stella McCartney released five handbags made from Mabel Industries’ Uppeal™, in a new burgundy colorway.



NEXT-GEN LEATHER

GANNI FUTURE, TALENT FABRICS EXHIBITION

To celebrate their one decade anniversary of showing at Copenhagen Fashion Week, Danish fashion brand Ganni decided to forgo the runway and instead showcased seven upcoming designers at their “Future, Talent, Fabrics” exhibition. Each designer was tasked with using materials from Ganni’s Fabrics of the Future initiative, including Renewcell’s Circulose, BioFluff’s Savian, Polybion’s Celium™, and Oleago’s Oleatex®. Additionally, Ganni presented some items from their Autumn/Winter ‘24 collection, also featuring innovative materials. These collaborations are on pages 8-11.



Image Credit: Ganni

GANNI X POLYBION

Ganni showcased three items from their Autumn/Winter ‘24 collection made from Polybion’s Celium™, including a crop top, skirt, and their Bou Bag, pink and green colorways. These products are set to launch in Autumn of this year.



Image Credit: Moon_International

GANNI X OLEAGO X OHOSKIN

Ganni’s Spring/Summer ‘24 collection, first presented in August of last year, finally dropped this month. The collection includes a minidress and jacket made from Oleago’s Oleatex®, as well as their Bou Bag made from Ohoskin’s leather alternative.



Image Credit: Vogue UK

GANNI X BIOFLUFF X OLEAGO X POLYBION

Ganni showcased their iconic Bou Bag made from BioFluff’s Savian, Oleago’s Oleatex®, and Polybion’s Celium™ materials.

the boundaries of material and innovation, we're giving our iconic Next-Gen twist. Rendered in Fabric of The Future materials, we're luxury to a new era.



BY POLYBION
-gen alternative to synthetics, it is a bio grown from bacterial from agro-industrial fruit can be dyed, embossed the same infrastructure which allows for a lower the environment than Due to its biological of Celium™ is unique print.

SAVIAN BY BIOFLUFF
Savian by BioFluff is a highly innovative, next-generation faux fur. Made in Italy, it is 100% plant based and GMO free. It is made using natural plant fibres such as nettle, hemp and flax, approximately 50% of which can be sourced from agricultural waste streams, as well as zero petrochemicals. It is made to replace both animal fur and synthetic faux fur that sheds micro-plastic particles with every wash, filling water and air streams that are ingested by both wildlife and humans.

OLEATEX
A next-gen biobased material produced using waste streams from olive oil production, Oleatex comprises 60% Biotex derived from olive oil production waste, as well as, recycled plastics, polyester, cotton, and viscose. Overall, this product contains 74% recycled and natural content

Image Credit: Photography by Nynne Henriksen / Polybion

NEXT-GEN LEATHER



GANNI X MASCULINA X OLEAGO

The brand
MASCULINA used
Oleago's Oleatex® to
create a corset.

NEXT-GEN FUR



GANNI X NIKLAS SKOVGAARD X BIOFLUFF X RENEWCELL X OLEAGO

Niklas Skovgaard
created a coat along
with a matching hat and
leggings from BioFluff's
Savian, Renewcell's
Circulose®, and Oleago's
Oleatex®.

Image Credits: Photography by Betty Krag / Ganni

NEXT-GEN SILK



GANNI X SISSE BJERRE X RENEWCELL

Sisse Bjerre used
Renewcell's Circulose®,
in addition to paper-
mâché, to create their
dress.

NEXT-GEN SILK/POLYESTER

ADITI MAYER X KEEL LABS

Keel Labs collaborated with environmental activist Aditi Mayer on their newest sample, the “Kelsun T-shirt”. This collaboration marks a huge milestone for Keel Labs, as it is the first garment made from their proprietary Kelsun™ fiber to be made with industry-standard knitting machines, demonstrating the “plug and play” capabilities of this material. The shirt is made up of a 70% Kelsun™ and 30% cotton blend yarn, and features a screenprinting of the Keel Labs logo made with Living Ink™’s Algae Ink.



Image Credit: Keel Labs

ALÉMAIS X ORANGE FIBER

Australian brand ALÉMAIS released their Resort '24 capsule collection titled “STARSCAPE” for purchase. The capsule collection first debuted in May of last year at Australian Fashion Week, and includes one dress, top, and pants made from a blend of Orange Fiber’s silk alternative and viscose.



Image Credit: ALÉMAIS

PEET DULLAERT X ORANGE FIBER X LENZING

For Dutch designer Peet Dullaert’s debut at Paris Couture Week, the brand presented multiple looks made from Lenzing’s and Orange Fiber’s collaborative TENCEL™ Limited Edition x Orange Fiber material.



Image Credit: Photography by Omri Emil Abraham / Peet Dullaert

WED X LENZING

London-based bridal wear brand Wed debuted their new Ready-To-Wear Bridal collection, featuring the “Raye Dress” made from Lenzing’s TENCEL™ LUXE.



Image Credit: Photography by Emma Dalzell-Khan / Wed



Image Credit: Ganni

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 year 2024, 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 our research.

Once the research was completed, the collaborations were sorted by biomimicry material (i.e. leather, silk, wool etc.).

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Image Credit: Stella McCartney