



ECOSENSOR™ by Asahi Kasei Advance launches its new SS 2023 fabric collection at Performance Days

Sustainability oriented and technology based, ECOSENSOR™ fabrics give birth to a smart wardrobe mixing great design and certified responsibility

Performance Days Munich (booth B09) and online, April 27-28, 2022

On the occasion of Performance Days, the Japanese textile manufacturer **ECOSENSOR™ by Asahi Kasei Advance** presents its **SS 2023** collection, made of high-tech fabrics implementing new-generation values, with the aim of keeping nature, body and mind in harmony.

ECOSENSOR™ presents 40 new references that meet the needs of the contemporary consumer, such as durability, wellbeing and performance. Being capable of combining active climate control, exquisite touch, lightness and comfort with sustainable values, ECOSENSOR™ stands out as a unique eco-high-tech performance proposition in its market. The collection covers the different market applications with 7 items for **INNERWEAR**, 2 for **OUTERWEAR**, 17 for **SPORT KNIT** and 14 for **SPORT WOVEN**.

Furthermore, all of ECOSENSOR™ fabrics are made with sustainable materials which are certified by international certification such as GRS, RCS or self-certification by each yarn supplier, through a traceable and transparent production process and supply chain.

100% of the stretch articles (representing 35% of the collection) are made with ROICA™ EF by Asahi Kasei, the first recycled stretch yarn certified Global Recycled Standard (GRS) able to complete proposals that offer design, performance and responsibility.

The main fibers are GRS certified recycled polyester and recycled polyamide, but the collection also features some blends, such as in Bemberg™, the high-tech yarn born from the transformation of cotton linters through a circular, transparent and traceable process with an amazing precious hand, optimal moisture management characteristics, whose end of life guarantees its biodegradability.

Even the dyeing and finishing phases - key moments for performancewear - have been certified by international labels such as **bluesign®** or **OEKO-TEX® Standard 100**.

To further validate the leading-edge nature of the collection, ECOSENSOR™ decided to showcase a zero-waste concept outfit, designed and produced by ZEROBARRACENTO, at Performance Days made with the following fabrics:

- ESS1-A5850-H3L-W c/# dark khaki belonging to the SPORT WOVEN category. **Face and backer are consisted of 100% recycled Polyamide from pre-consumer leftovers certified by GRS. Applied with PFC-free, DWR which brings high spec.**
- ESS2-13555 c/#black 92% recycled polyester, 8% ROICA™ EF spacer knit. **Even the dyehouse which has worked on this item is certified by OEKO-TEX® STANDARD 100.**



Focusing on a selection of the most interesting fabrics of the collection, we can find:



ESS2-13490 - 90% rec PES 10% ROICA™ EF

The item presents a “fishbone” structure in the front-side, while keeping a smooth surface on the back. Both the polyester and ROICA™ EF are recycled and GRS certified, adding sustainable credentials to the fabric. Even the dyehouse which has worked on this item is certified by OEKO-TEX® STANDARD 100.



ESS2-23590-K – 90% rec PES, 10% ROICA™ EF

A 4-way stretch fabric made entirely from GRS certified recycled PES and ROICA™ EF. The material is UV cut, making it a high-spec material, and OEKO-TEX® Standard 100.



ESF1-H3517 – 100% Bemberg™ by Asahi Kasei

This fabric is made of 100% Bemberg™: the high-tech yarn born from the transformation of cotton linters through a circular, transparent and traceable process resulting in a sensual, precious feel mixed with optimal moisture management, biodegradability and compostability. This article got a 100% jury like badge as all judges of the Performance Days Forum have recognized its top-notch qualities.



ESS1-01019-RL3L7-C – 100% Rec PA

Ultra-light, 3 layers ingredient which will make you feel weightless. The bluesign® certified and PFC-free fabric is made with recycled polyamide with a 7μ PU membrane bonded with a tricot backer.



Behind the new collection stands an outstanding story of performance and responsibility. “Our global team is yet again determined to innovate with a responsible approach, in order to develop solutions that meet high-performance standards as well as the transparency and traceability of both the ingredients and the supply chain.” affirms Mr. Hashimoto, Senior Managing Director of Asahi Kasei Advance, the global materials innovator and manufacturer.

Where to find the collection

- ECOSENSOR™ collection, as partner of C.L.A.S.S. Eco Hub, is available at the C.L.A.S.S. showroom in Milan.
- A selection is also available on the C.L.A.S.S. SMART SHOP - the inspirational materials' bank and samples' e-shop where students, designers and brands can have from one little sample up to 50 meters.
- For all European countries except Germany and Austria please contact: office@ak-europe.eu

For any further information please contact:

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ECOSENSOR™ is the brand of Asahi Kasei Advance- representing a range of fabrics standing for eco high-tech concept; keeping the planet fit and healthy by harnessing the expertise in cutting edge innovation for a most sustainable future. Asahi Kasei Advance is the cutting-edge department of global material innovator whose DNA is about fineness, durability, laboratory approach, comfort and sustainability.

ECOSENSOR™ is also partner of C.L.A.S.S..

C.L.A.S.S. is the international ecohub founded by Giusy Bettoni in 2007 which has established itself as a reference point in the fashion and textile business for brands, designers, manufacturers, students and all those determined to make fashion smarter. C.L.A.S.S. mission is to provide professionals the strategic tools to trigger change and to grow both in responsibility and competitiveness. The ecohub pursues its goals by merging design and innovation with the new sustainable values contemporary consumers are looking for. C.L.A.S.S. portfolio of services includes:

- *THE SMART TOOLS, a platform of responsible and traceable materials, technologies and cutting-edge innovations for both production processes and communication, all injecting sustainability into textiles, fashion collections and companies' performance.*
- *THE SMART ACADEMY, a rich programme of events, talks, classes and services with a very important goal: to educate, raise awareness and inspire professionals, students and even end consumers. Because there is no sustainability without knowledge.*
- *THE SMART SHOP, the inspirational materials' bank and samples' e-shop for students, designers and brands willing to explore and test sustainable fabrics.*

Over the years, C.L.A.S.S. has teamed up with some of the most influential players in the virtuous textile and fashion business such as Première Vision, Fashion for Good, Renoon, Fashion 4 Development, Fondazione Ferragamo, The Sustainable Angle and more. www.classecohub.org

Certifications Insights:

- *The **GRS (Global Recycled Standard)** certification is an international, voluntary, full product standard that sets requirements for third-party verification of the chain of custody, recycled content, social and environmental practices, and chemical restrictions. GRS certified recycled products must contain a minimum of 50% of recycled and sustainably processed material. The recycled content in textile products must receive adequate identification and traceability along the entire chain of custody. Each stage of production is required to be certified. The GRS certification applies to both pre-consumer (or post-industrial) and post-consumer recycled material content.*
- *The **STANDARD 100 by OEKO-TEX®** is a worldwide consistent, independent testing and certification system for raw, semi-finished, and finished textile products at all processing levels, as well as accessory materials used.*
- ***Bluesign®** is a system that provides safer and more sustainable environments for people to work in and everyone to live in. Powered by a holistic approach, bluesign® traces each textile's path along the manufacturing process, making improvements at every stage from factory floor to finished product. bluesign® encourages the industry to increase their efforts in sustainable processes step by step.*