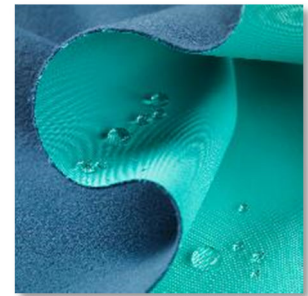


PRESS RELEASE / PRESSEMITTEILUNG

wear2wear™ – 100 % recycled, recyclable and PFC-free functional fabrics

wear2wear™ is an innovative, industrial partnership dedicated to high-quality and sustainable clothing. Expert partners in Europe have come together to cover the entire recycling loop. On cutting-edge production systems, textile fibres from used clothing can be made into functional fabrics. For its part, Schoeller Textil AG is supplying its Inspire textile portfolio developed for the workwear and corporate fashion categories and the PROEARTH™ textiles with biodegradable yarn for the lifestyle, fashion and outdoor categories.



Closing the textile loop together

Now with eight core partners who cover the entire manufacturing and recycling cycle, the sustainable **wear2wear™** collaboration is focused on high-quality, responsible clothing. It starts with textile fibres from used, recycled garments. These fibres will be transformed back into functional textiles and clothing by the individual partners in Europe. The overriding goal is the responsible use of resources and the reduction of greenhouse gas emissions, since waste is avoided and sustainably produced throughout the cycle. The garments can be completely recycled again at the end of their life cycle. Therefore, the raw material cycle is closed again.

Eight steps – one cycle: for a sustainable textile future

Each partner contributes its expertise to the **wear2wear™** collaboration, thus jointly guaranteeing the entire process from the quality of the raw materials to the final recycling process. The steps include fiber, yarn, fabric and membrane production, garment design and production and subsequent tracking. At the end of the lifecycle,

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collecting, washing, dismantling, sorting by type and reprocessing into granulate for a new production is also managed by the partnership. By using a sewing yarn that dissolves at boiling temperature, non-mixed components can be very easily removed in the dismantling process and also recycled in a separate cycle.

Inspire fabrics from Schoeller Textil



The recyclable, functional fabrics from the **wear2wear™** collaboration are from Schoeller Textil's Inspire fabric group. These are high-quality, protective workwear and corporate fashion fabrics made of 100 percent polyester, which offer the greatest clothing comfort. Compliant with the stringent requirements of the bluesign® system, the comprehensive Inspire collection extends from

antibacterial knitted shirt qualities with outstanding moisture management and a pleasantly-cosy fleece fabric to sturdier pants weights with **3XDRY® Bio** feelgood technology and super-comfortable soft-shells. Very light, breathable 3-layer laminates from Sympatex that are wind and waterproof ensure a high level of climate comfort and round out the range.

Along with being PTFE-free and PFC-free, the "guaranteed green" Sympatex membrane is 100 percent recyclable and climate neutral. It is absolutely environmentally friendly and skin friendly and certified in accordance with the stringent environmental standards Oeko-tex Standard 100 and bluesign® system. The dirt- and water-repelling properties are achieved through the use of Schoeller's **ecorepel® Bio** and **3XDRY® Bio** technologies, both based on renewable raw materials. In addition to classic colours such as yellow, blue or grey shades, Inspire fabrics are also available in **EN ISO 20471**-certified high-visibility colours and are certified according to **EN 343** for rain protection. Due to the consistent use of polyester fibres, Inspire textiles are very durable, which further helps preserve resources. Furthermore, their production requires significantly less water and energy. The **PROEARTH™** textiles can also be integrated into the **wear2wear™** loop. These textiles are made with recycled polyester yarn, that has been optimized biodegradability for biodegradation and has tested to biodegrade at faster.

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Further information about the partner companies as well as technology and system partners:

www.wear2wear.org

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