



emissions,” said Ou Chin-ta (歐金達), general manager of SSFC. “Our partnership with Ambercycle embodies our long-term orientation toward minimizing raw material extraction from the environment.” Polyester continues to be the most widely produced fiber in the world, making up 54 percent of production. Recycling polyester-based textile waste and turning it back into raw polyester chips in a closed-loop circular system thus helps decarbonize the apparel industry supply chain, Ou added.

For example, the SSFC’s environmentally friendly fiber RecoTex is made from recycled PET bottles using innovative polymerization and spinning technologies. Currently over 90 percent of

the company’s fiber production uses recycled bottles as raw material. ShinSigma, a type of specialty polyester yarn made from RecoTex, possesses enhanced elasticity and is lightweight, moisture absorbing, opaque and anti-UV. The yarn was used to create jerseys for the 2016 and 2020 UEFA European Football Championship, the 2018 and 2022 FIFA World Cups and the 2023 FIFA Women’s World Cup, in addition to NBA seasons since 2017.

Among global clients, SSFC’s top three are Nike, Adidas and lululemon. “Taiwan’s textile industry has a well-rounded supply chain in which all sectors complement each other,” Ou said. “It occupies an important position in the global supply chain as manufacturers have established long-term relationships with international partners and continue to improve products for them.”

Resourceful Concepts

Grace Chen (陳盈璇), chair of New Taipei City-based Hakers Enterprise Co., said Taiwan’s textiles have competitive sustainable advantages in the global marketplace due to innovative product development merging aesthetics, function and environmental solutions. Founded in 1986, Hakers manufactures high-performing outerwear for its own and leading international brands, including Adidas and Reebok. Its product range includes jackets, shorts, tops, swimwear and trousers.

“In an era requiring both comfort and style, athleisure is a strong trend in the

fashion world,” Chen said. “It’s versatile apparel for an increasingly active, health-conscious and fashion-forward society.” Chen notes that engagement with sustainability values deepened after the COVID-19 crisis, propelling the apparel industry to reiterate its commitment to such practices in the face of American and European consumers’ demands that fashion companies act responsibly and consider the environmental and social impacts of business.

Hakers has been exploring new production methods, advanced technology and eco-friendly alternative fabrics. The concept of circular fashion has revolutionized textile recycling and the presence of only a single material in a product’s composition is an ideal start. “The launch of our environmentally conscious



01. Shirts worn by national teams competing in high-profile events like the FIFA World Cup and the UEFA European Football Championship use SSFC-produced eco-friendly textiles.
02. Ou Chin-ta, general manager of SSFC, is proud that over 90 percent of the company’s fiber production uses recycled PET bottles as raw material.
03. New Taipei City-based Hakers Enterprise Co. has a manufacturing facility in Myanmar.
04. Hakers makes high-performance outerwear products for its own and leading international brands.
05. The company’s ultralight jackets, made from recyclable mono-material nylon, earn the ISPO Textrends Award Spring/Summer 2025 and Fall/Winter 2025/2026 in the categories of Best Product and Top Product.
06. Grace Chen, chair of Hakers, shows a single material construction jacket.

03. Courtesy of Hakers Enterprise Co.

mono-material line is designed with the garment’s entire life cycle in mind,” Chen said. “Our goal is to take into account the end-of-life stage for all our apparel, right at the design phase.”

Hakers’ ultralight jackets are made from recyclable mono-material nylon and have superior permeability, stretch, waterproofing and wrinkle-resistance. They earned the ISPO Textrends Award Spring/Summer 2025 and Fall/Winter 2025/2026 in the categories of Best Product and Top Product. The award recognizes innovative approaches, materials and products in the textile and apparel sectors.

Changing consumer preferences, technological advancements and sustainability concerns are driving rapid evolution in the global sportswear market. The Taiwan textile industry is proactively responding with new fabrics, circular manufacturing and whole stage supply chains. “Almost all global brands have now partnered at some point with Taiwan textile companies to provide functional, fashionable and sustainable apparel,” SSFC’s Ou said. “Taiwan is already a global player in the new-era industry.”