

PROCYLEN®3 - VAUDE

CONTEXT

As you can see from the following graphic, recycled products are already being used in many areas of our lives.

The fact that textiles are not separately featured in this graph demonstrates how great the potential in this industry still is. There is nonetheless room for development. Together with other partners, they are developing recyclable products, finding solutions for a circular economy, and continually using more recycled materials in their product development.

THE IMPLEMENTATION

The "yellow bag initiative" in Germany recycles plastic packaging for things like spaghetti, bottles, and empty yoghurt containers. Large sorting facilities receive this debris and separate it by plastic kind.

Polypropylene (PP), a material we can utilize for the back panels of our panniers, is a plastic that is commonly used to make yoghurt containers, detergent containers, throwaway flower pots, and cosmetics packaging.

The plastics are mechanically shredded, rinsed, and separated based on material density after being coarsely sorted. The dried, melted, and processed plastic flakes are then used to create a fresh granulate that can be used to create new items, like our back panels.

In an inventive recycling method, plastic packaging from German households is collected and sorted to provide secondary raw material.

One back panel requires the processing of about 3 kg of packaging trash, which lowers CO2 emissions for material manufacture by 54%*. Procylen®3, a raw material made from this packaging waste, was given components specifically for VAUDE in order to make it an incredibly stable plastic for the new VAUDE back panels.

This recycling process helps to preserve fossil fuels while preserving the environment and making good use of Germany's plastic trash.

Fishing nets and other types of nylon waste are used to make ECONYL® nylon. High-end apparel is made from the abandoned fishing nets that are freely floating in our oceans. That's some good news for the environment, right there!

One of the most urgent environmental issues of our day, according to the WWF, is the problem of plastic in our oceans. Our waterways become contaminated by plastic trash, which also releases poisons into the ecosystem and poses a threat to marine life. Ghost nets can entangle dolphins and whales, and they do significant harm to the oceans across the world.

IMPACT CREATED

An explanation of this graph's terminology is provided below. "Total" refers to all backpacks, bags, and bike bags from the product categories Mountain Sports, Bike Sports, and Packs 'n Bags.

All products must comply with the following: At least 30% of all integrated primary materials are manufactured with recycled materials. The VAUDE Green Shape label is applied to products when the proportion of incorporated recycled materials is noticeably higher. This illustration distinguishes based on the proportion of recycled materials, not whether the product is Green Shape-certified or not. Green Shape is concerned with several sustainability standards.

VAUDE has been accredited by the Global Recycling Standard since 2020. (GRS). This certification enables them to validate a product's recycled content and track it throughout the manufacturing process. The GRS standard also includes standards for environmental management and corporate social responsibility.

Each production stage must be validated before a product may be labelled with the GRS emblem. Starting with the raw material provider, they move on to the yarn supplier, the knitter or weaver, the dyer and laminator, the garment manufacturer, and lastly them, the merchant.

Although some of their material sources are certified, they are not yet permitted to label their product with this information. They are currently identifying product categories for which they can verify the production chain in order to label these products with the GRS brand.

MORE INFORMATION

Website: https://csr-report.vaude.com/gri-en/product/recycled-materials.php?_ga=2.20369659.253617770.1651153424-1991569629.1651153424

Social Media:

Facebook: <https://www.facebook.com/VAUDE.Sport>

Youtube: <https://www.youtube.com/VaudeSport>

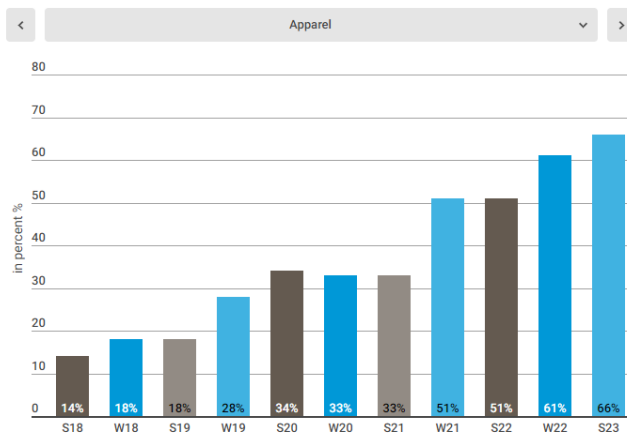
Instagram: <https://www.instagram.com/vaudesport/>

Twitter: https://twitter.com/VAUDE_sport

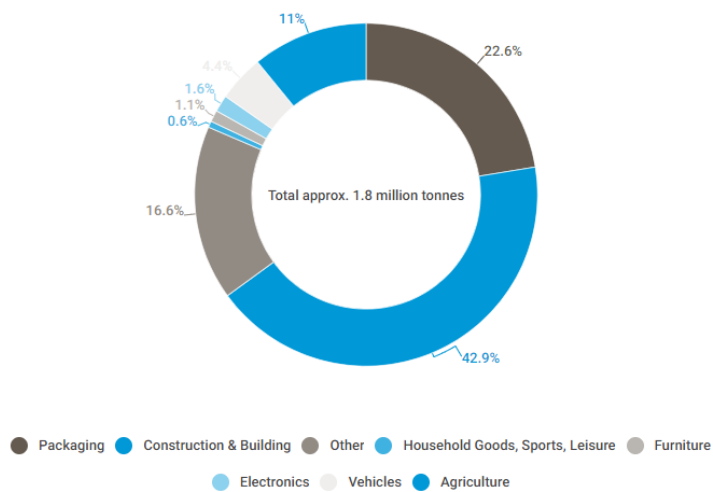
LinkedIn: <https://www.linkedin.com/company/vaude/>

Pictures:

Percentage of products made from recycled materials



Use of Recycled Plastics in Germany 2017



Source: Federal Environment Agency 2018

