

Spanish project Develops 3D Printing Solution for Leather Waste

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A consortium of Spanish companies and research institutions, including AIMPLAS, Pikolinos, Evataalking, and the Footwear Technology Centre of La Rioja (CTCR), is working on an innovative project to recycle leather waste from the footwear industry.

The ECOFAP project aims to develop a new 3D printing material based on recycled natural leather. By reducing the particle size of leather scraps to 10 microns, the consortium seeks to create a versatile material suitable for various applications in fashion, textiles, and footwear.

This groundbreaking approach not only reduces waste but also minimizes the environmental impact of the footwear industry. The use of 3D printing technology allows for greater customization and flexibility in design, opening up new possibilities for sustainable and innovative products.

The consortium is working to combine micronized leather with various polymers to create a filament suitable for 3D printing. This innovative material can be used to produce components such as soles and heels, reducing the demand for virgin materials and minimizing waste.

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