

Sulapac

CIRCULAR DESIGN

OCEAN ACIDIFICATION

CLIMATE CHANGE

NOVEL ENTITIES

BIOSPHERE INTEGRITY

Problem

Conventional plastics can linger in the environment for hundreds of years.¹ Every year, the world disposes of 268 million tonnes of plastic, but only about 9% of it ever gets recycled.²

Solution

Sulapac develops sustainable and functional alternatives to conventional plastics. Its materials are biodegradable without leaving permanent microplastics behind* and are compatible with existing plastic manufacturing equipment, enabling a smooth transition for industries.

Contribution

Sulapac provides one of the most practical and scalable alternatives to conventional plastics by integrating sustainability into easy processability and uncompromised performance. Sulapac’s innovation helps companies reduce their CO₂ emissions and eliminate permanent microplastic pollution* while maintaining the highest standards for usability and aesthetics.

2024 Results

Sulapac is advancing the sustainable bioeconomy by replacing conventional plastics with biobased and industrially compostable** materials made with recycled feedstocks and side streams.

574 tons

Linear Resource Use
Avoided³

20x

Lower cradle-to-gate carbon footprint
compared to conventional plastic⁴

~65%

Recycled content and side-stream raw
materials make up Sulapac materials⁵

Impact Risk

Evidence Risk



External Risk



Execution Risk



Sulapac is redefining plastics by replacing them with biobased and biodegradable materials that reduce CO₂ emissions.

1. United Nations 2. European Climate, Infrastructure and Environment Executive Agency 3. LRU - Regeneration.VC and Circle Economy calculations based on company provided information. 4. Sulapac 5. Sulapac

Sources * Depending on the material grade, Sulapac materials show 50–100% relative biodegradation into CO₂ in 420 days or less in simulated marine environment (86°F)(ASTM D6691). Sulapac Universal also tested according to ASTM 5511 (accelerated biodegradation in the landfill, 99°F): reached 68% relative biodegradation in 160 days. Please note, that in California this is not an adequate proof of biodegradability.

**All materials have either BPI, Seedling or OK Compost certificate up to a certain thickness. Please note that the compostability of an end product depends both on the thickness and design of the item.

FY2024 LRU numbers restated in June 2026 to incorporate updated number of units sold company has provided for 2024 during 2025 reporting cycle.