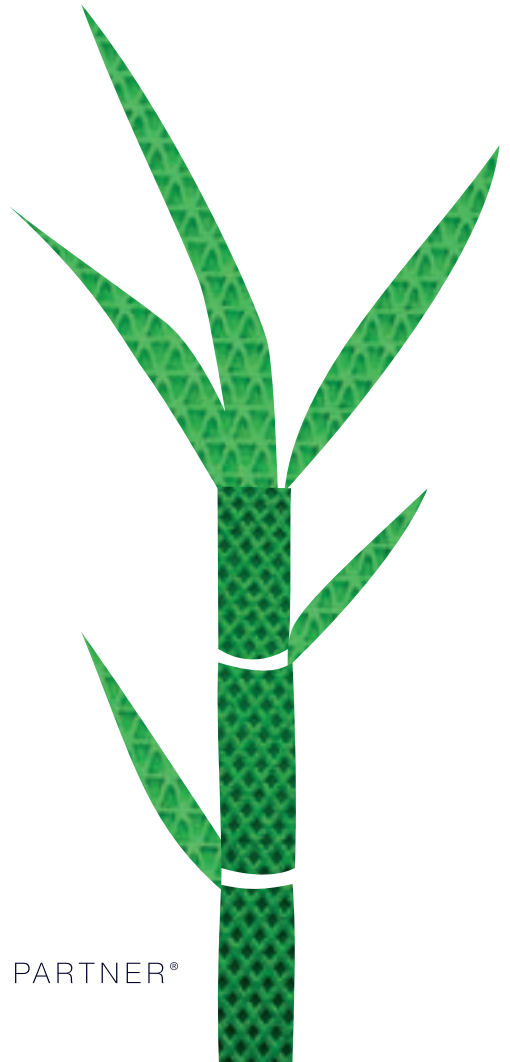


Hey Sugar,
let's change
the fiber
industry

polypiant®



■ FIBER PARTNER®

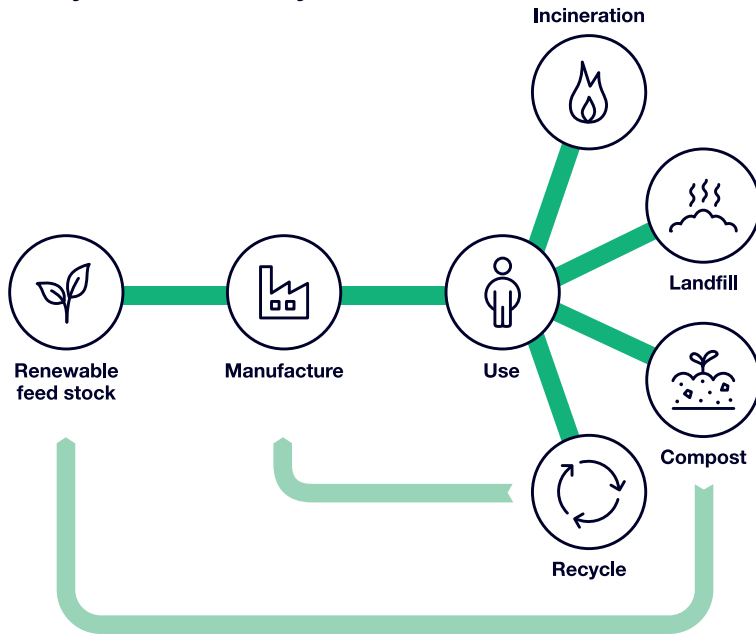
Every year the textile and fiber industry causes major issues to the environment. Polyester alone accounts for 35% of all microplastic pollution in our oceans.

PolyPlant® is new innovative fiber that looks, feels, and acts like polyester. A fiber that shares the well-known and widely appreciated qualities of polyester, while not sharing its negative impact on the environment.

PolyPlant® is made from certified biobased sugarcane, and with our additive technology, the fiber becomes biodegradable* while maintaining a strong performance. It is soft, with good elongation and tenacity, providing it a versatile range of applications.



PolyPlant® life cycle



PolyPlant® is a biobased fiber made from sugarcane. It is biodegradable* in landfill and ocean water, it can be composted, and it is fully recyclable. This results in a significant improvement in circularity compared to traditional oil based polyester.

*Biodegradable

PolyPlant® products are designed to fully compost in nature, leaving no microplastic residue. The advanced technology transforms plant materials into robust, durable resins and engineered biocomposites, which can be composted and repurposed. These innovative solutions are derived from plants, mainly carbohydrates. PolyPlant® is ASTM6866 tested for natural origins and ISO14855 certified for ultimate aerobic biodegradation.

ASTM6866 certification: tested and verified to have a substantial portion of its composition derived from natural origins. It provides assurance that the product's ingredients are fully sourced from renewable resources rather than fossil fuels or synthetic chemicals. This certification is important for products that claim to be environmentally friendly or sustainable, as it demonstrates a commitment to reducing the reliance on non-renewable resources in their production.

ISO14855 certification: rigorously tested and verified for its ability to undergo ultimate aerobic biodegradation. This certification demonstrates that the product can be naturally broken down by microorganisms in the presence of oxygen, resulting in the production of carbon dioxide (CO₂), water, and nutrients. Essentially, it confirms that the product has the capacity to biodegrade efficiently in aerobic environments, contributing to reduced environmental impact and waste management.



Fiberpartner is a Danish advisor and supplier of textile fibers on a clear mission. We aim to be a key global player in the transition towards a non-petroleum-based future within fibers. With a global client base, we act as a trusted advisor, connecting fiber producers with clients within non-woven and filling.

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