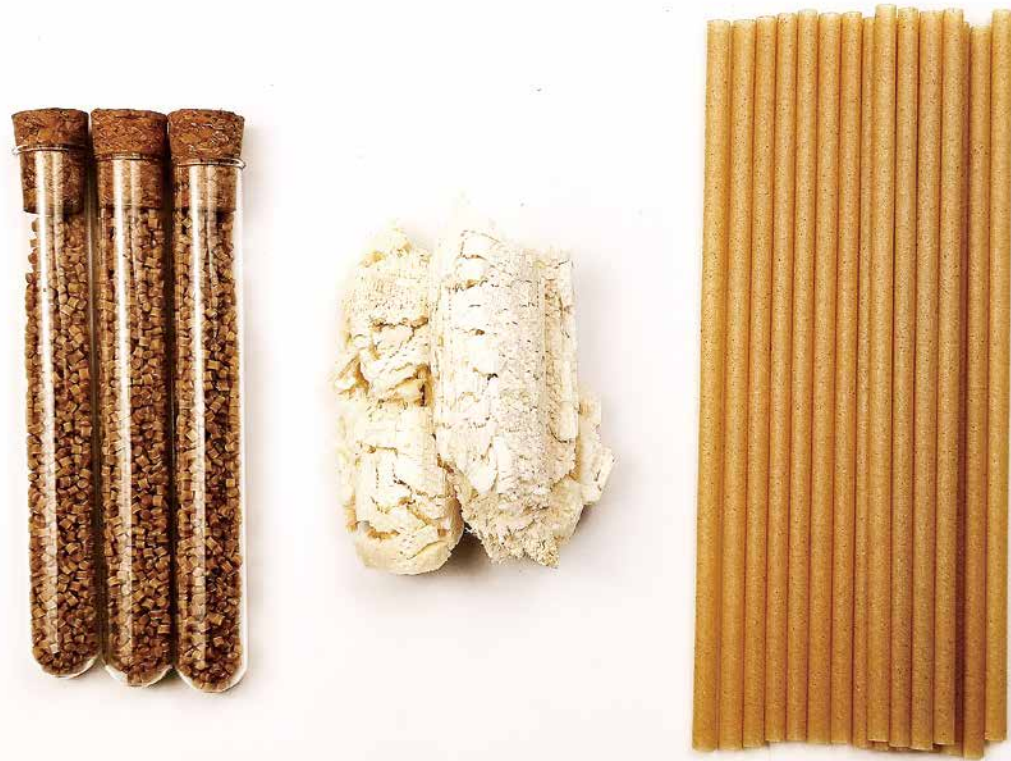


## New Plant-based Fiber Composite Material

Earth's Natural Cycle,  
Back to Before



## About Taiwan Plants Fiber

Founded in 2016, Taiwan Plants Fiber Tech Alliance Co., Ltd. (PFTA) established "PFP" recycled fiber composite material brand and retail business brand "Non-Plastic." PFTA uses agricultural waste plant fiber to develop new plant-based composite materials and derived products, which may substitute about 60% applied products of the petrochemical-based plastic thermosetting and thermoforming materials, achieving plastic reduction and agricultural waste circulation. Moreover, the firm integrates the biomass energy system and realizes complete decomposition and full compost closed full cycle application through exclusive rapid decomposition peat technology. These materials and products have received decomposition relevant certifications from countries, and renowned within the domestic and overseas channels, and high-end hospitality sector. Currently, goods are sold to more than 20 countries and efforts are made for environmental protection worldwide.



## Product Introduction

Through the agricultural waste materials recycling application technologies, PFTA developed new plant-based composite materials. The firm has developed various applied products with fiber composite materials, transforming waste into treasure due to its industrial product design capabilities. The products are not added with chemical dyes, d2w, plasticizer, thus the composition are natural and toxic free. Due to the rapid compost peat circulation technology from PFTA, the products are able to fully degrade, undergo compost treatment and become humus after 3 to 6 months, realizing closed natural cycle.

## Agricultural Resources Circulation Process and Applications of New Plant-Based Fiber Composite Materials

