



## Plant Fiber Material Application

Let us buy back yesterday's earth



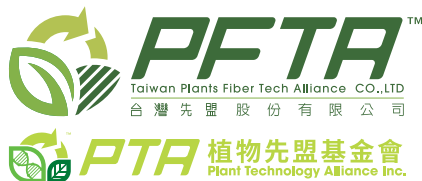
## 台灣先盟

TAIWAN PLANTS  
FIBER TECH  
ALLIANCE CO., LTD.

### About Taiwan Plants Fiber Tech Alliance (PFTA)

Taiwan Plants Fiber Tech Alliance Co., Ltd. (PFTA) is a group of research team that focus on the application of natural plant fiber, mainly regarding on various properties of its natural fiber material. After years of research, zero plastic green material was developed that could replace 60% of traditional product application made from petrochemical thermoplastic materials and thermoset materials.

PFTA's goal is to provide more eco-friendly zero plastic green materials. With this in mind, the company has numerous biomass conversion technologies that takes on various plant fibers for high quality applications. The production process does not contain toxic substance emission and does not use any chemicals or involve in environmental destructive methodology. The company will continue to work with private sectors, government and academia, in order to promote Taiwan's high quality biomass technology globally, so the world is able to see Taiwan's soft power and its efforts towards the environment.



## Materials and Products

### PFP-No.2 Plant fiber polymerization material - other plants fiber

SugarCane Fiber Straw (SCFS) # Extrusion process thermoplastic material

#### Sugarcane straw raw material particles

- Cold resistant -20°C / heat resistant 75°C, able to extract plant fiber composite thermoplastic material
- Constituent: Natural organic sugarcane fiber + plant based biomass pure material



Fully decomposed within 6 months under a compost environment  
Fully decomposed within 3 months under a compost kitchen waste environment



Fully combustible, non-toxic, and does not leave behind any industrial slag.

#### Application extended products



Sugarcane fiber toothbrush



Sugarcane fiber knife, fork, spoon



Sugarcane fiber blister stone patterned plate



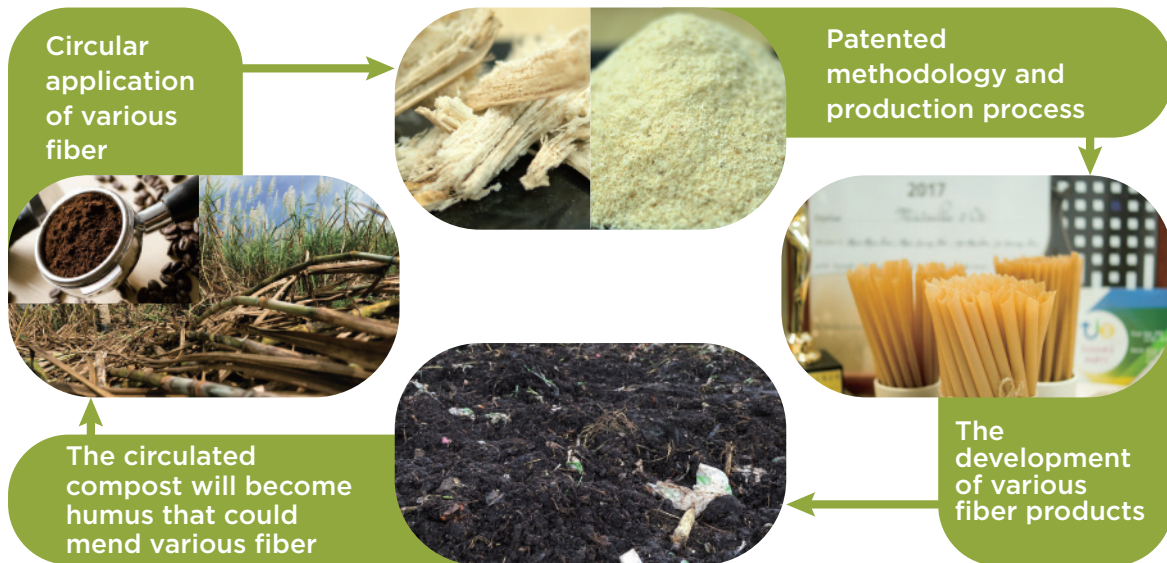
Sugarcane fiber blister cup, sauce cup

#### PFP-No.3 Injected material

#### PFP-No.4 Vacuum blister material

## The Circular Application of Agricultural Materials

The natural materials that could be used are able to replace traditional Petrochemical plastics through the patented production process in a “circular application cycle”



PFTA hopes to start from circular agriculture and heads towards circular economy + block chain + integration of shared economy, ultimately aiming for a new comprehensive value.

