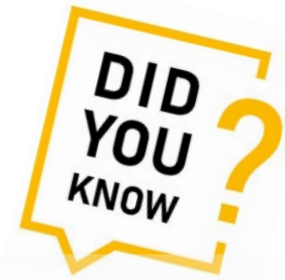




## BILLION TONS OF FOOD WASTE

has caused economic losses  
and significant damage to  
the environment.



1.4 billion hectares of land – 28% of the world's agricultural area is used annually to produce food that is lost or waste. [source](#)



*\*according to a United Nation's report, **1/3 of all the food** produced goes to waste due to inappropriate handling. [source](#)*

FROM  
**Food WASTE**  
TO PRODUCT!



Introducing **FOOD WASTE UPCYCLING**, transforming food scraps into **BIO-PLASTIC**  
By turning waste into products, it can result to many environmental benefits!



### What is UPCYCLING?

Upcycling is taking something no longer in use and giving it a second life and new function. In doing so, the finished product becomes more practical and valuable!



**UPCYCLING** minimizes the volume of discarded waste being sent to dreaded landfills. Conserves and decreases use of raw production resources. Making a difference to a reduction in air pollution, water pollution and greenhouse gas emissions.

**RETHINK** our current ways of manufacturing and solid waste management

**EXTEND** lifecycle of materials contributing to a more self-sustaining circular economy, drastically reduce our global impact.

# UPCYCLE BIO PEN

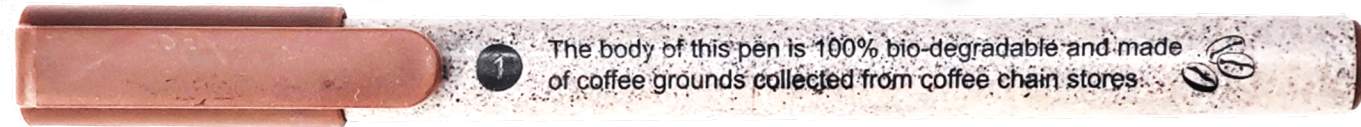
- Upcycled ball pen made of recycled food waste
- Eco-friendly yet stylish and practical
- BIOdegradable with a choice of 45 different food waste material options!

MOST  
POPULAR



Choose from our BIO PEN series with 45 different food waste options.

FROM  
**Food** WASTE  
TO PRODUCT!



PP + bio-degradable compound

biodegradability rate is  
speeded up for 5 times

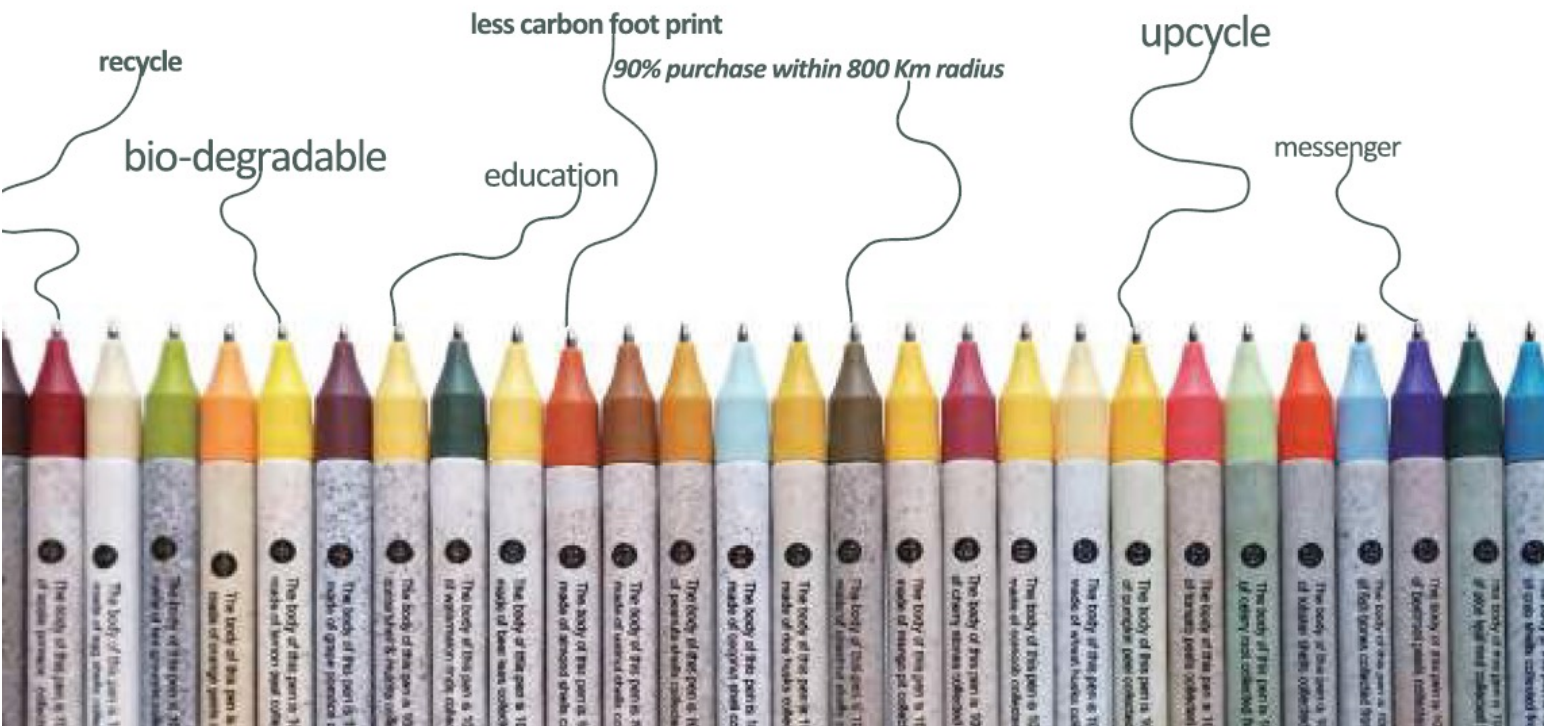
100% bio-degradable

the barrel is composed  
of ~ 1/3 recycled  
food wastes

- Size: 144 mm length x Dia.  $\Phi$ 10
- Ink color: Black (refillable ink)

## Food waste material options and source:

- *Coffee chains & Cafes: Coffee or Tea Grounds*
- *Farmers: Rice husk*
- *Flour factories: Wheat husk*
- *Wineries: Grape Pomace*
- *Cosmetic factories: Aloe leaf rind*
- *Beer breweries: Beer lees*
- *Custard factories: Egg shells*
- *Confectionery factories: Cherry pits*
- *Frozen food factories: Corn cobs or celery root*
- *Nut factories: Peanut, Chestnut, Walnut or almond shells*
- *Succade factories: Mango pit, Ginger peel or cocoa shells*
- *Can food factories: Pumpkin, Carrot, Tomato peel or olive pits*
- *Juice factories: Apple or pear pomace, kiwi peel, Orange or Lemon pulp, coconut shells .... And more!*



FROM  
**Food** WASTE  
TO PRODUCT!