

Innovative Trends in Bioplastics

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Every Year
8 Million Tons of waste in the
Ocean
90% is plastic waste
100 dead sea turtles



Expectations (Phi Phi Island)



Reality (Phi Phi Island)





One-Stop Shop Solution



BIODEGRADABLE & COMPOSTABLE

Leaving no harm to the environment

BioPBS is naturally compostable at 30°C (86°F) to H₂O, CO₂ and biomass without composting facility. Our product does its job and takes care of itself.



Mission: “By exclusively offering compostable products, Bio-Eco and its one-stop-shop solution are promoting an eco-friendly lifestyle on the path towards a world free of plastic.”

BIO ECO : TOTAL SOLUTION PROVIDER

100% Compostable Packaging



Bio-Eco's PBS, CPLA Takeaway Set

Why Bio-Eco?

- Total Solution Provider:
 - One-Stop Shop
 - Full Stockist: Readily available for delivery
- Our bioplastics are made from plants, not oil: sugarcane, corn, and cassava
- **Sustainability:** We are committed to understand our customers' needs provide a total full life-cycle solutions
- **Customizable:** Our packaging is tailored for your brands!



Single-Use plastic is **70%** of our
everyday lives
But only **10%** gets recycled

REDUCE
REUSE
RECYCLE

A green recycling symbol consisting of three arrows forming a triangle.

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Replace



BIOPLASTIC OPTIONS

What natural resources are they made from?

Our Strengths: 100% Compostable, Leak-proof, Stackable, Durable!



- Paper Products
- Made from: Sugarcane & Cassava
- Ex: Cups, Boxes, Bowls



PLA  NatureWorks

- Non-Paper Products
- Made from: Corn
- Ex: Clear Cups, Cutlery, Straws



PLA + Starch

- Semi-Reusable Products
- Made from: Cornstarch + Ricestarch
- Ex: Boxes, Trays, Plates



PBAT/PBSA

(Polybutylene Succinate Adipate Terephthalate)

- Compostable Biopolymer (EN13432)
- Ex: Bio Shopping Bags, Bio Garbage Bags

Applying design thinking to reduce plastic waste



**ENVIRONMENTAL ACTIVISTS
APPLAUD STARBUCKS'
NEW STRAWLESS LIDS!!!**



*The new lids use more plastic
than the old lid/straw combo*

Unbiased America

“The new lids
use more plastic
than the old
lid/straw combo”

-Unbiased America

OUR PRODUCT REFERENCES



New Trends in Bioplastics



CHULA ZERO WASTE
TOGETHER WE CAN

ลดขยะ: เพื่อเราและเพื่อโลก
10 กรกฎาคม 2561
โรงอาหารหลักในจุฬาฯ พร้อมกันใช้
ZERO-WASTE CUP
แก้วที่ย่อยสลายได้ 100%

Logos: PETROMAT, bio·eco, BIOFOS, GTC



Thank You

The word "ECO" is rendered in a 3D style, where the letters are composed of a dense, vibrant green grass texture. The letters are positioned on a light gray surface, casting soft shadows beneath them, which gives them a sense of depth and volume. The background is a clean, light gray gradient.