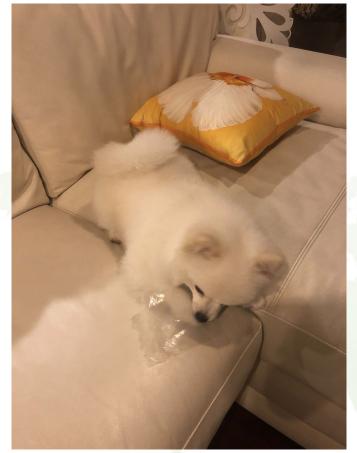


## **Innovative Trends in Bioplastics**











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



## **Expectations (Phi Phi Island)**

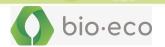




### Reality (Phi Phi Island)







### **One-Stop Shop Solution**



#### **BIODEGRADABLE & COMPOSTABLE**

Leaving no harm to the environment

BioPBS is naturally compostable at  $30^{\circ}$ C ( $86^{\circ}$ 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 <u>bioplastics are made from plants</u>, 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









### **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** Nature Works

- 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







### **OUR PRODUCT REFERENCES**



















### **New Trends in Bioplastics**















## Thank You

