Innovative Trends in Bioplastics

Varinthorn Uvimolchai (Jenny)

LAD
BIBLE
The turtle was in pain but
they knew they had to remove it

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Every Year

8 Million Tons of waste in the Ocean

90% is plastic waste

100 dead sea turtles

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Expectations (Phi Phi Island)

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Reality (Phi Phi Island)

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One-Stop Shop Solution

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!**

OK compost TÜV AUSTRIA INDUSTRIAL

compostable EN13432

FDA APPROVED

BIOPBS™

Single-Use plastic is 70% of our everyday lives

But only 10% gets recycled

Replace

Bio

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BIOPLASTIC OPTIONS

What natural resources are they made from?

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

BIOPDS™

- 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

OUR PRODUCT REFERENCES

New Trends in Bioplastics

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THAIKK GROUP

Thank You