





Lastic®

Lastic® is a global eco-brand producing industry-changing **100% Biodegradable & Compostable** materials and providing **Comprehensive sustainable solutions**.

SDGs Sustainable Development Goals

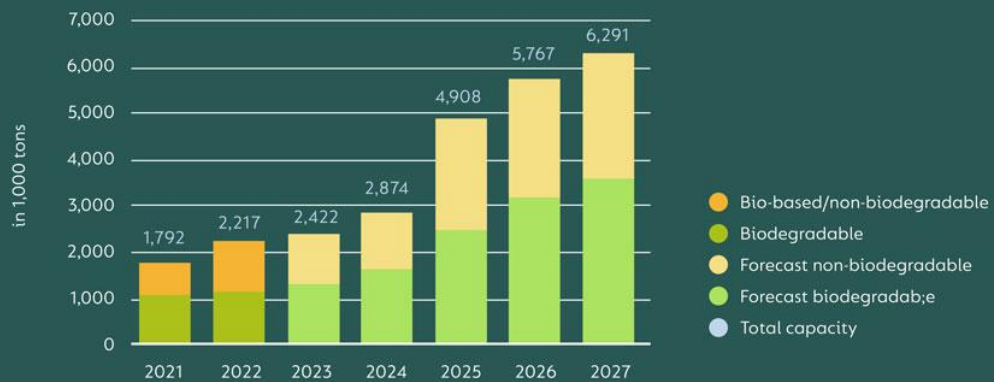
The United Nations Sustainable Development Goals (SDGs) are a set of 17 global objectives established in 2015, aiming for accomplishment by 2030. These goals serve as a universal standard for sustainability.

With this framework, Lastic® Global will use the Dominican Republic's strengths to establish a regional production and sales hub in the Americas.



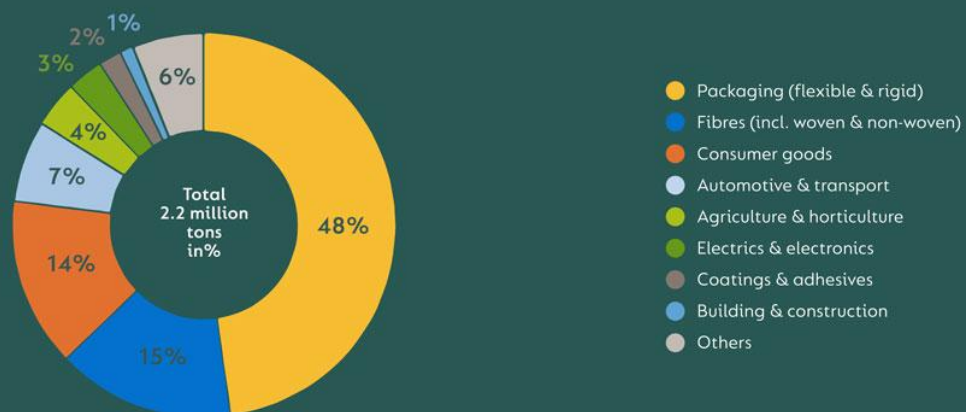
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Global production capacities of bioplastics forecast



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Global production capacities of bioplastics in 2022 (by market segment)



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Global production capacities of bioplastics in 2022 (by region)



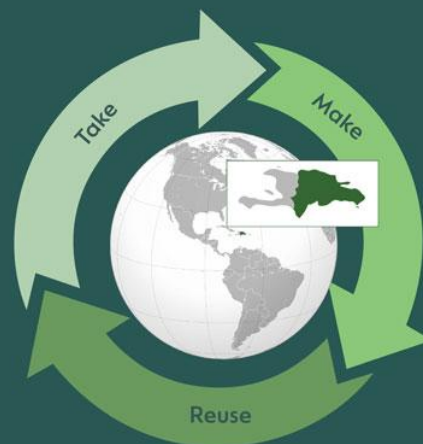
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Goal to Circular economy

Lastic® Global is set to invest US\$20 million and in collaboration with Lastic Canada brand center to advance the Dominican plastics industry upgrade and establish a bamboo industry supply chain.

This initiative aims to position Dominica as the leader in the green economy.

The objective is to incentivize both upstream and downstream manufacturers to engage in green procurement and green production practices, culminating in the development of a green supply chain with an annual output value of over US\$200 million.



Lastic®



Less than 10% of plastic
is recycled globally.

Applicable to all waste disposal methods.

Lastic® material is designed to work well
with any waste disposal method.
Whether it's incineration, landfill,
composting, or more advanced techniques,
our material is versatile and effective.



Lastic®

14x Material Certifications

To date, Lastic® material has obtained a total of 14 prestigious certificates in Food Safety, Eco-Friendliness & Factory Quality.



Lastic®



biobased %



Supreme Award AS5810

Lastic® material has been awarded the prestigious Australian AS5810 Home Compostable standard.

AS 5810 is one of the world's **best environmental certifications** that a material can obtain.

This certification guarantees that our material will decompose into nothing but completely non toxic water, carbon dioxide (CO₂) and biomass (compost) in a natural environment.

To meet this standard, a material must fully biodegrade in 360 days -> our material fully biodegrades in just **250 days**.



Home Compostable

AS 5810

Lastic®

Lastic® Features



Resistance

Temperature resistance of
-20°C ~ +100°C.



Traditional Plastic-Free

Completely free of *traditional
plastic, and PLA.



Biodegradable

Breaks down in the natural
environment without creating
pollution in the water or soil
in a span of 250 days.



Home Compostable

Bio-based material that can
be safely disposed of as general
waste after use, or burned without
releasing any toxic chemicals.



Natural Bamboo Fiber

Made from natural bamboo
fiber and bio-based polymers.



Certified

Awarded 14 prestigious
certificates for Food Safety,
Eco-Friendliness
& Factory Quality.

*Our material does not contain any of the following traditional plastic materials: PVC, PET, PE, PP, PS, PC, and PLA.

Lastic® Sustainable Solution



Replacing Plastic with Lastic®

- 61,000 tons of solid waste daily in Philippines
- 24% are plastic waste (14,640 tons/day) which are landfilled



Lastic®

Lastic® Most Sustainable Material



100% Biodegradable



Bamboo Fiber

Lastic® compound technology can apply to various plant fibers. We choose **bamboo** because of its remarkable sustainability.

Natural Minerals

Products made of Lastic® are durable and not easily broken or damaged, thanks to a carefully selected mixture of natural minerals.

Starch & Patented Bio Adhesives

Thanks to our innovative **drying process** technology in compounding Plant Fiber, Natural Minerals, Starch and self-developed **Bio Adhesives**, Lastic® is the most natural and environmentally friendly material that doesn't generate any air or water pollution.

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Lastic® material – Benefits

- 320 million tons of plastic is produced annually worldwide.
- 120 million tons of single use plastic waste annually.
- 8 billion plastic straws on the world's beaches.
- 48 million plastic bags are discarded daily in The Philippines.



Plastic products will be replaced with Lastic® - home compostable material, and later turned into fertilizer.

Lastic®