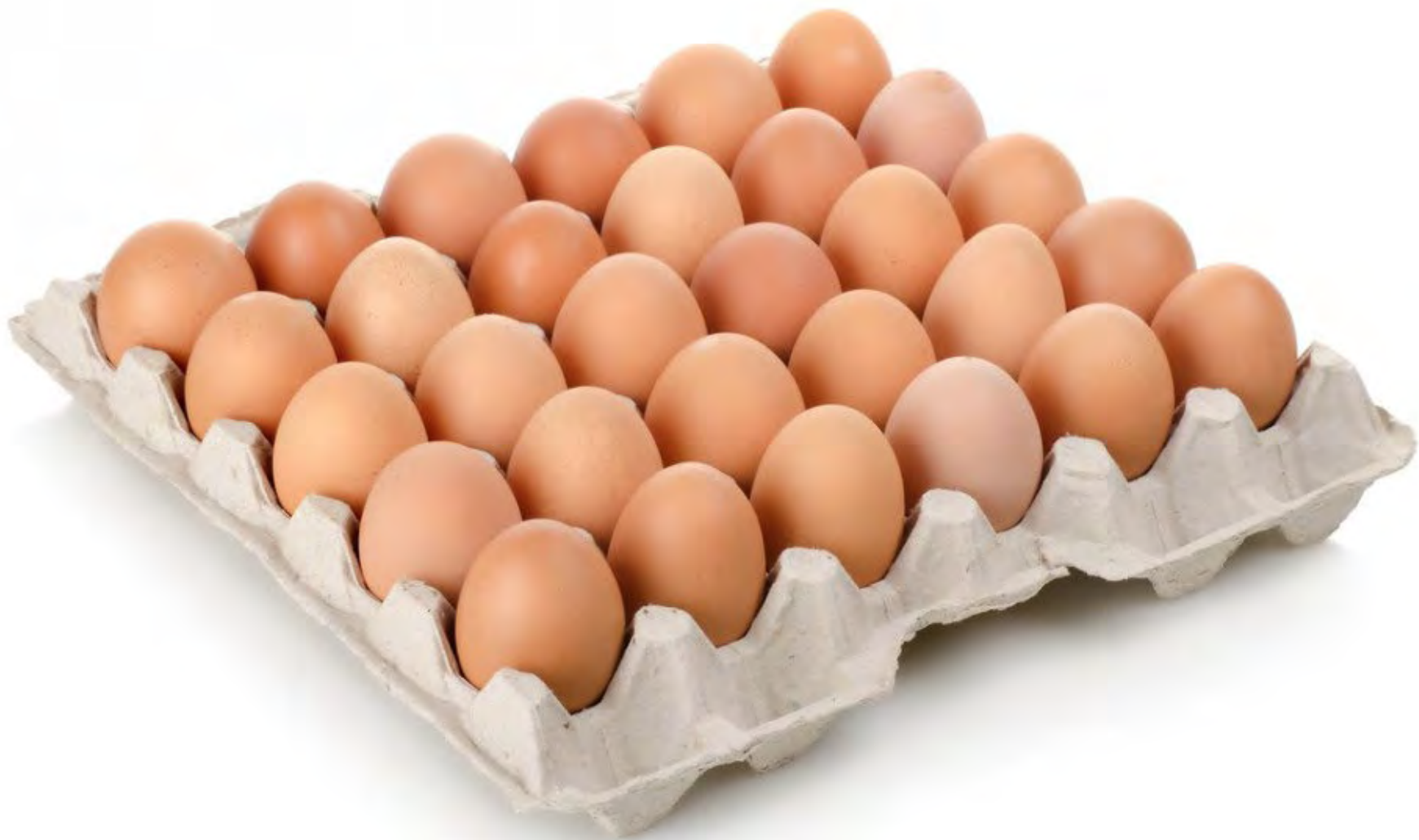


Packaging BIO

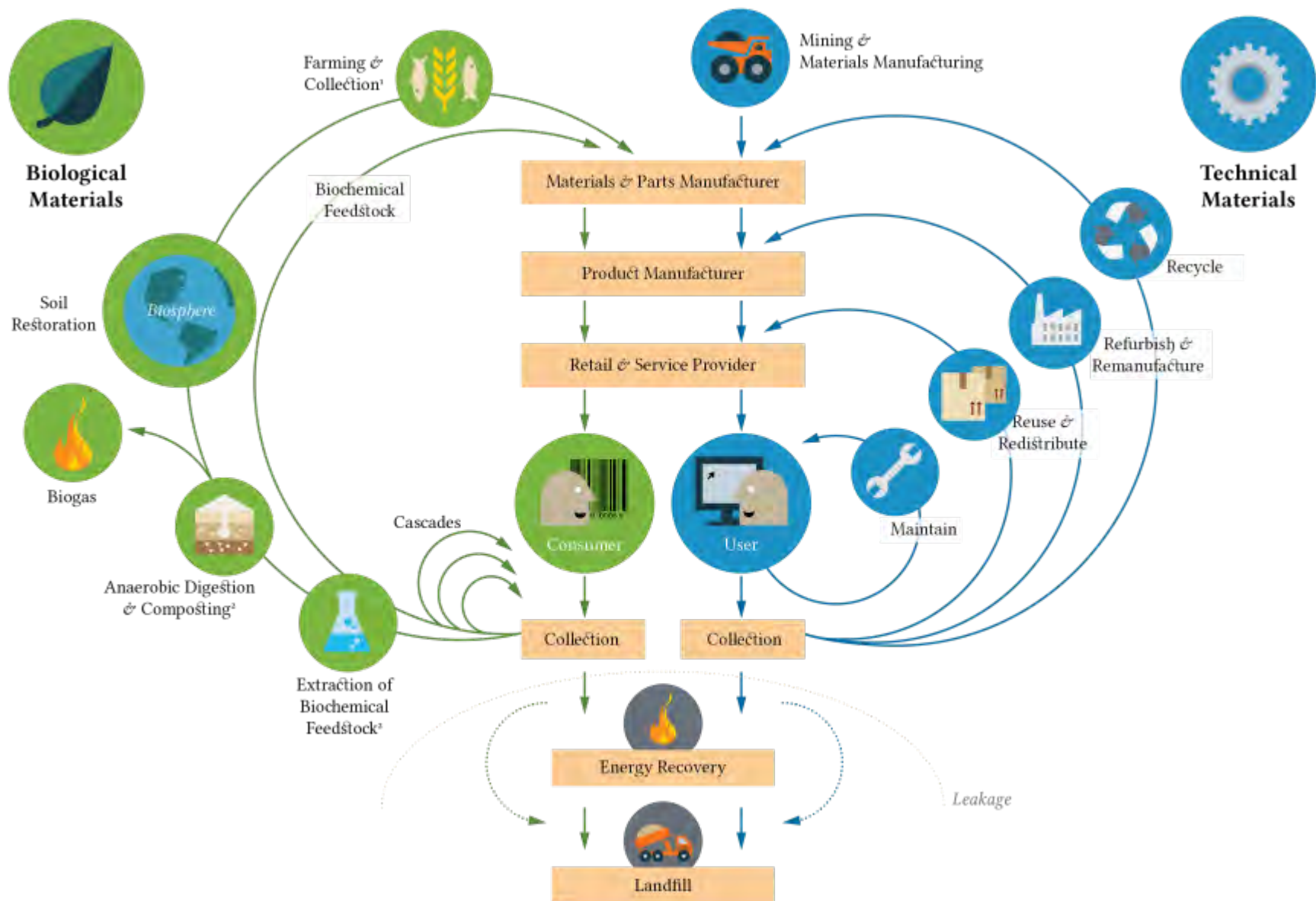
2025UBA



Pablo Groglopo

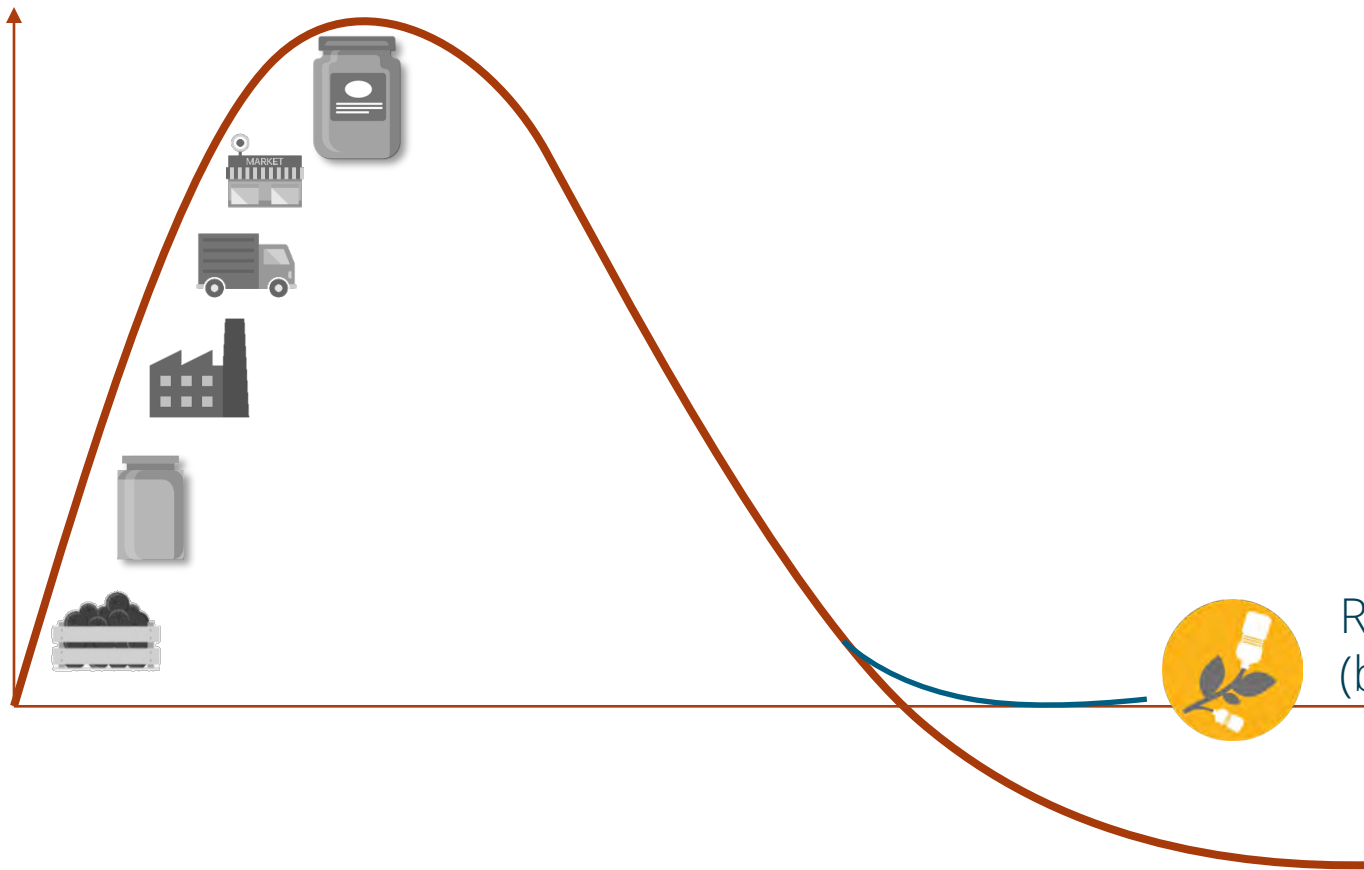






Renovar bio

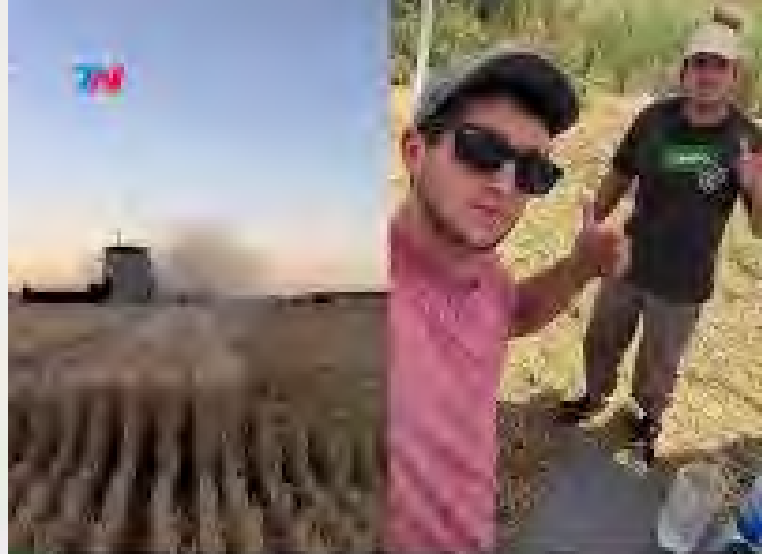
VALOR



Renovable
(bio/degradable)

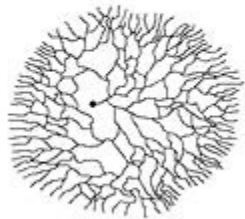






Lograron separar la paja del trigo y crearon un tipo de sorbetes que no existía:
"Estamos trazando el camino"

P&JA
SORBETES DE TRIGO. 100% COMPOSTABLES.



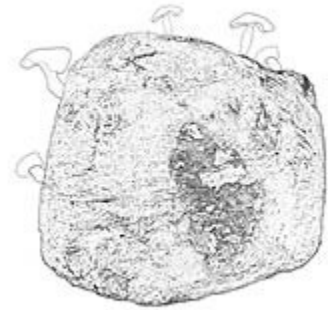
Mycelium



Saw dust



Wheat



Mycelium block

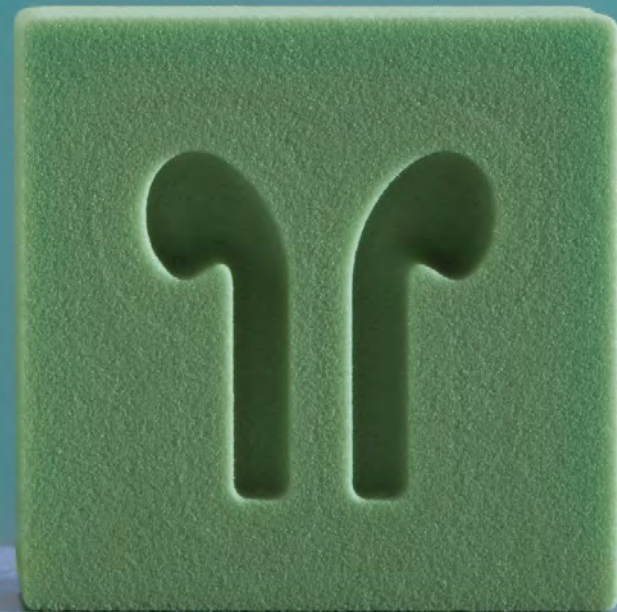


micelio



algae, fungi, bacteria and enzymes

InnoCell



fiber based







In-line Printed
Heat-sealable & Recyclable
Barrier Paper



SIEGWERK



09.01.2024

Upfield launches world's first plastic-free, recyclable tub for its plant butters and spreads

Upfield launches world's first plastic-free, recyclable tub for its plant butters and spreads





PAPACKS®
PACKAGING BY NATURE

**EURO-CAPS AND PAPACKS ACHIEVE BREAKTHROUGH
WITH INNOVATIVE MOLDED FIBER COFFEE CAPSULE
AFTER MANY YEARS OF COOPERATION**



**BE FANTASTIC
WITHOUT PLASTIC**

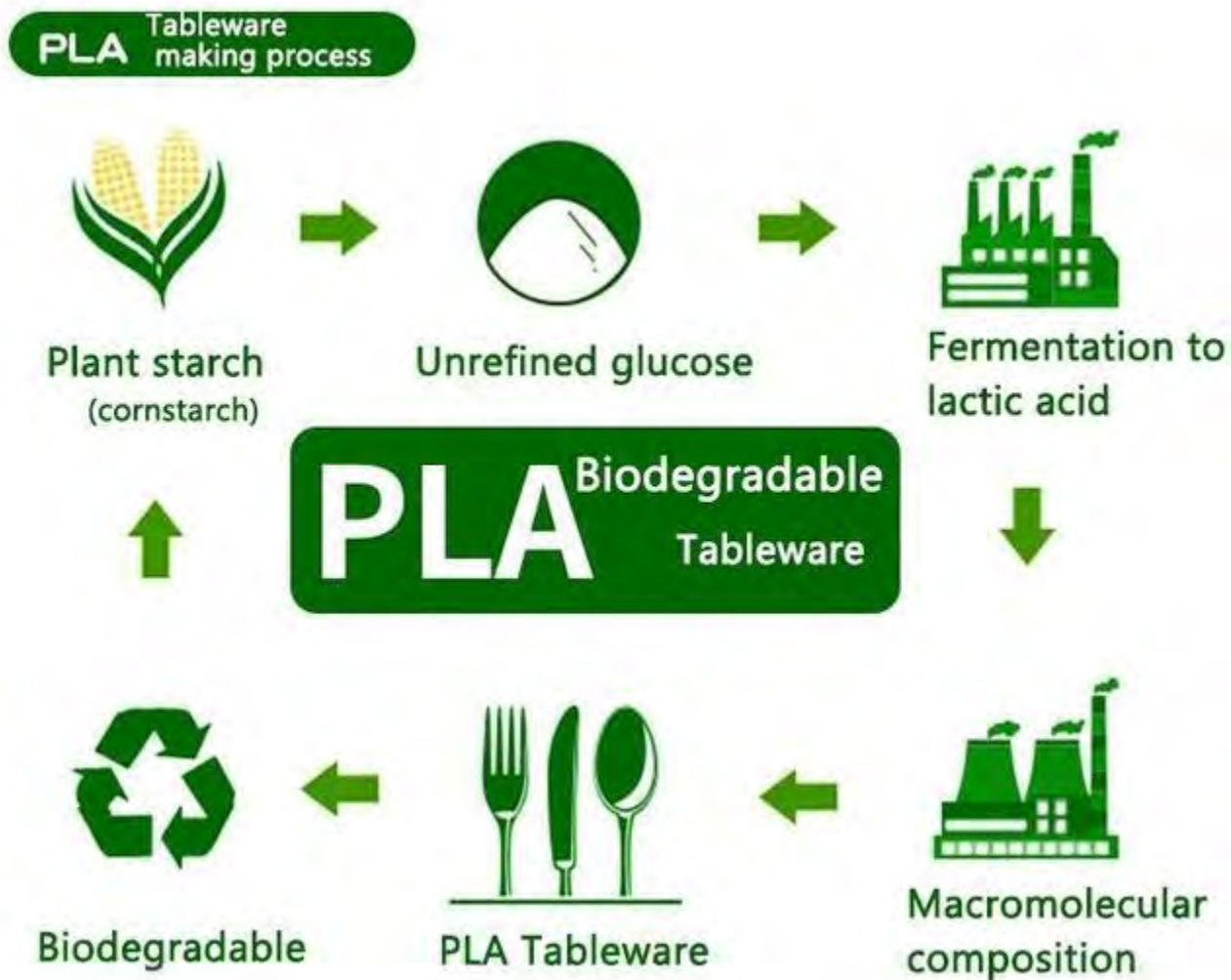
biodegradable?

La cuchara compostable

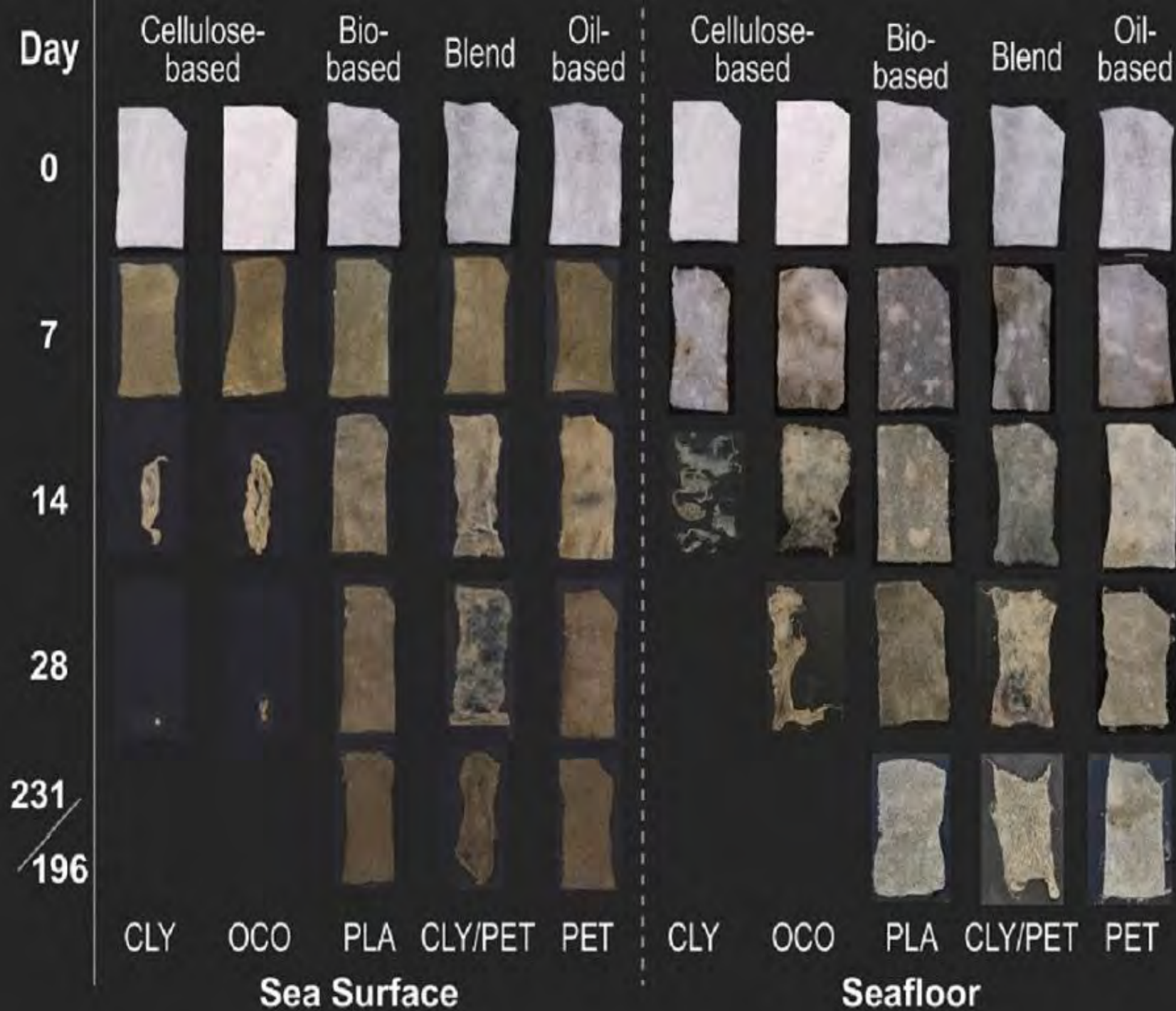
- De dónde viene?
- Qué pasa si la reciclan?
- Bajo qué condiciones degrada?
- Qué pasa si se degrada?
- El valor se puede recuperar?



ME HAGO TIERRA EN 180 DÍAS → COMPOST

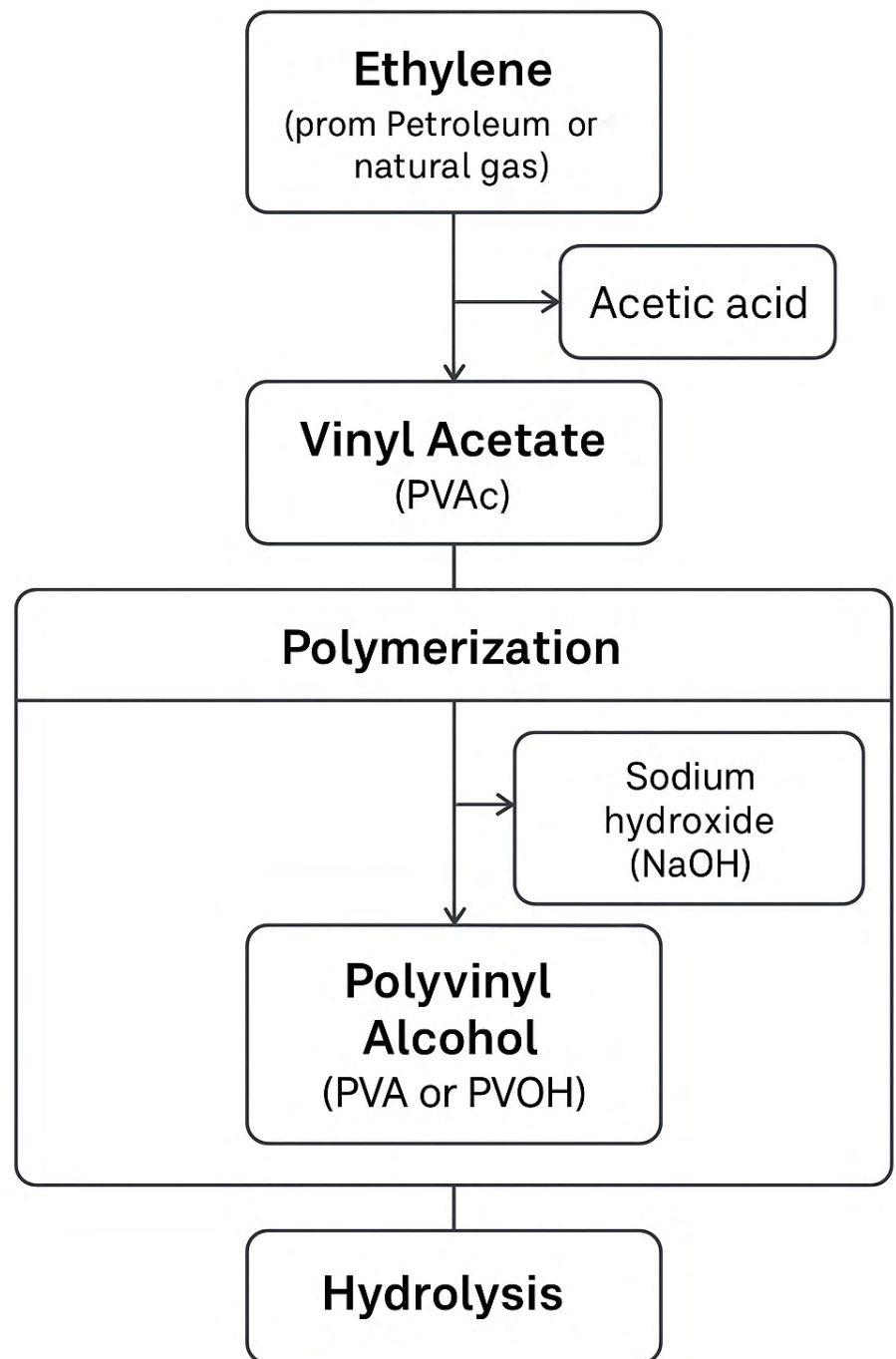


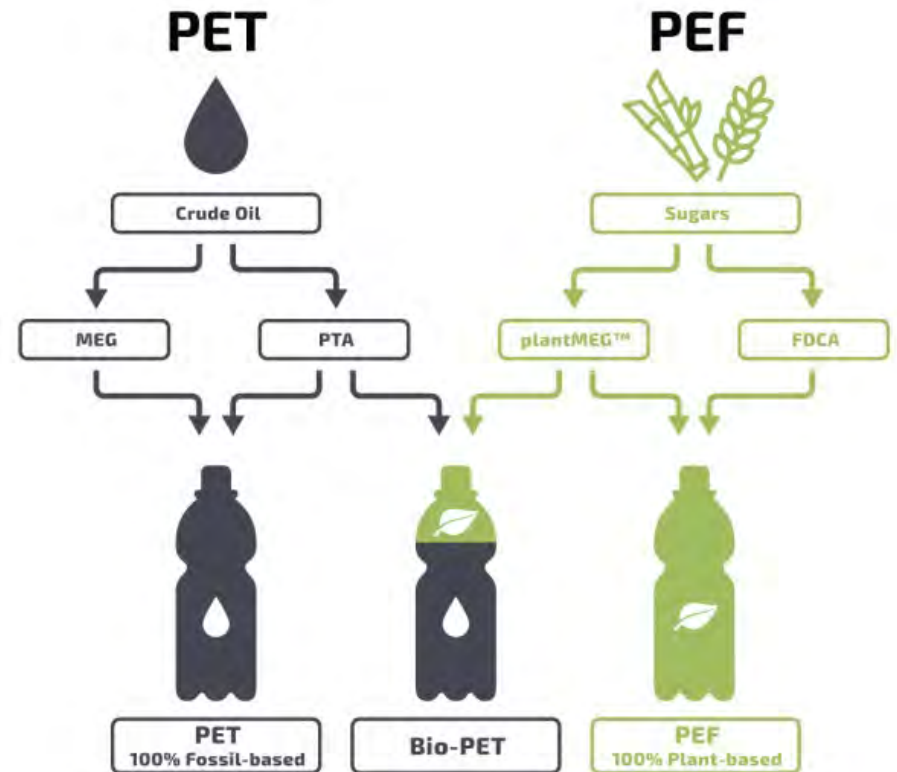
PLA (Polylactic Acid)





Polyvinil Alcohol





Bioplastic	Bio-based	Biodegradable	Compostable	Typical Use	End-of-Life	Notes
PLA (Polylactic Acid)	✅ (from corn/sugarcane)	✅ (in industrial conditions)	✅ (EN 13432)	Packaging, 3D printing, disposables	Industrial composting	Brittle; poor thermal resistance
PHA (Polyhydroxyalkanoates)	✅ (bacterial fermentation of sugars/oils)	✅ (home + marine)	✅ (widely compostable)	Medical, films, single-use items	Biodegradable in soil, marine	High potential but expensive
PBS (Polybutylene succinate)	✅ (if bio-succinate) / ❌ (petro-based)	✅	✅ (in industrial compost)	Agricultural films, mulch, packaging	Industrial composting	More flexible than PLA
PBAT (Polybutylene adipate terephthalate)	❌ (petroleum-based)	✅	✅ (EN 13432, if blended)	Compost bags, packaging blends	Industrial composting	Often blended with PLA or starch
PCL (Polycaprolactone)	❌	✅ (very slow)	❌	Specialty uses, medical, blending agent	Biodegradable, slow in nature	Very low melting point (~60°C)
bioPE (Bio-based Polyethylene)	✅ (from sugarcane ethanol)	❌	❌	Bottles, bags, films	Recyclable (like fossil PE)	Chemically identical to PE
PEF (Polyethylene furanoate)	✅ (from fructose/furanics)	❌	❌	Bottles (PET alternative)	Recyclable	High barrier properties; emerging tech

A close-up photograph of two hands holding white disposable coffee cups. The cup on the left is held by a hand with light pink nail polish and features the text 'We're made from PHA, a new home compostable cup lining.' and the 'Biocup' logo at the bottom. The cup on the right is held by a hand with a tattoo on the forearm and features the text 'Well, that's PHAaaancy.' and the 'Biocup' logo at the bottom. Both cups have white lids and are set against a blurred background of an outdoor cafe setting with a wooden table in the foreground.

We're made
from PHA,
a new home
compostable
cup lining.

Biocup

Well, that's
PHAaaancy.

Biocup

Biobasado

Bioplásticos

BioPE

Bioplásticos

PLA, PHA y PBS

No biodegradable

**Plásticos
Convencionales**

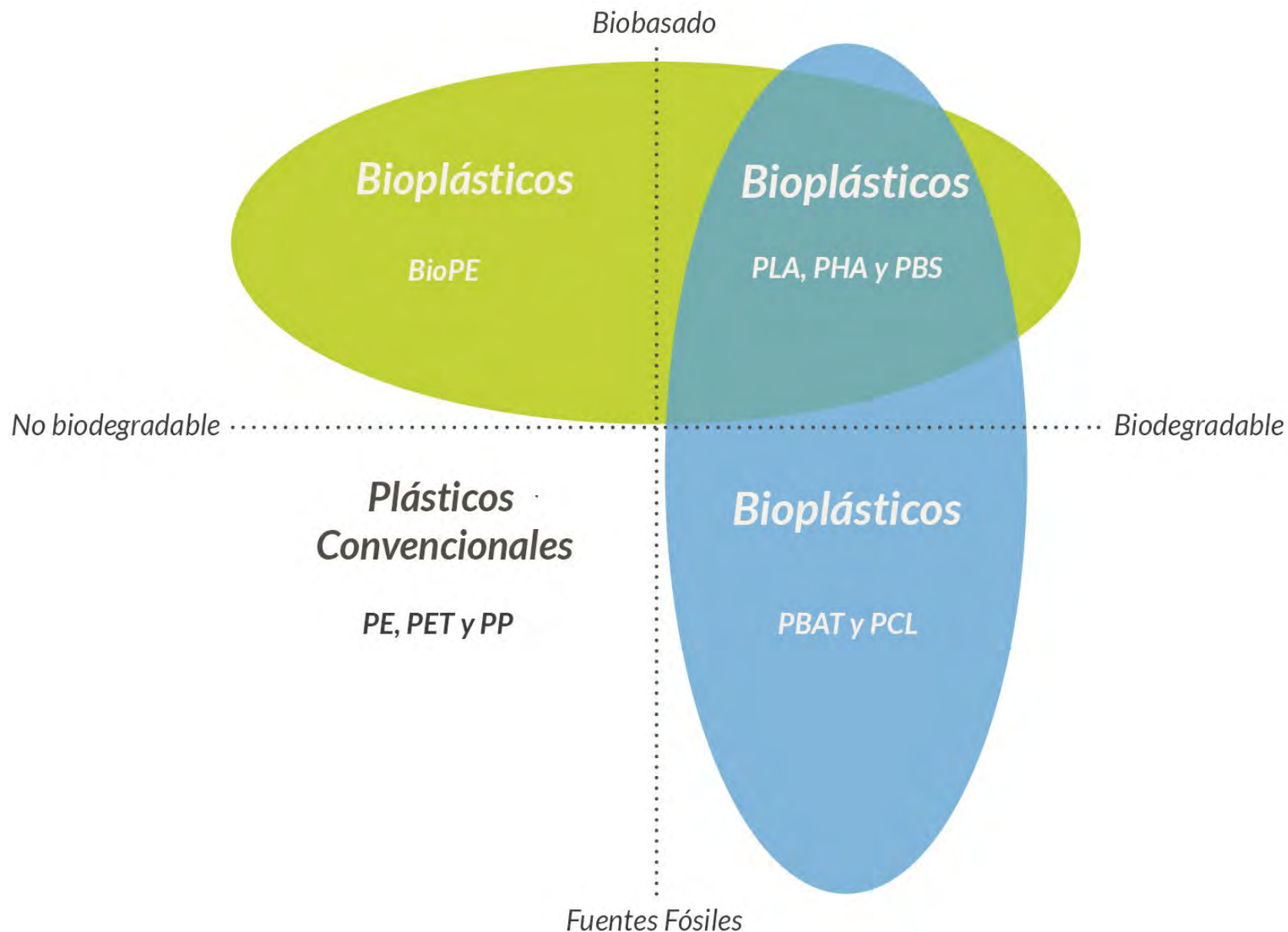
PE, PET y PP

Biodegradable

Bioplásticos

PBAT y PCL

Fuentes Fósiles



ORGANIC WASTE

- from households and industry
- separately collected

WASTE COLLECTION

Home
composting

Industrial
composting

Anaerobic
digestion

-> biogas
-> fertilizante



compostable

OXO degradable

OXO compostable



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