

“

If plastic is  
such a problem today...  
why did the world

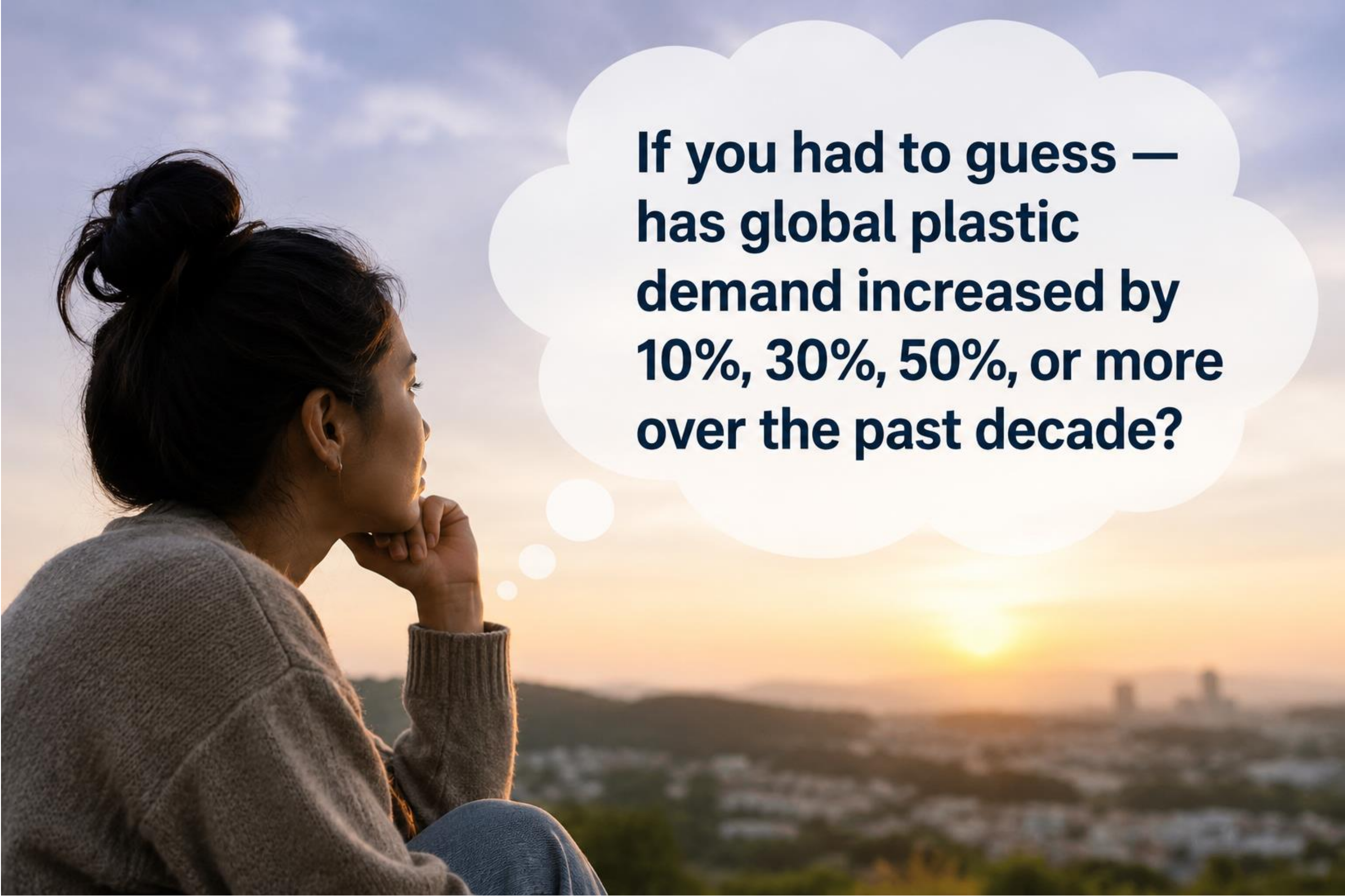
**embrace it**

so aggressively  
over the past

**70** years?

”



A woman with dark hair in a bun, wearing a grey sweater, is shown in profile, looking out over a city at sunset. She has her hand resting on her chin in a thoughtful pose. A large, white, cloud-like thought bubble is positioned to her right, containing text. The background shows a cityscape with buildings and hills under a warm, orange-hued sky with a setting or rising sun.

**If you had to guess —  
has global plastic  
demand increased by  
10%, 30%, 50%, or more  
over the past decade?**

What if I told you  
the world is  
expected to  
consume an  
additional  
**150–250**  
million tons  
of plastics within  
the next decade?





## RECYCLE SYSTEMS

Building collection, sorting and reprocessing infrastructure to keep plastic in the loop and out of the environment.



## LIGHTWEIGHTING

Using less material through smarter design and advanced technologies to reduce resource use and emissions.



## UPCYCLE

Transforming waste plastic into higher-value, beautiful products that give materials a new life.



## DESIGN FOR SECONDARY USE

Designing products and packaging to be durable, refillable, repairable and easy to reuse.



## KEEP IT CLEAN

Preventing plastic pollution through clean-ups, responsible disposal and behavior change.



Solutions exist. Impact depends on all of us.  
**Reduce. Reuse. Recycle. Rethink.**



POLICY



INNOVATION



COLLABORATION



ACCOUNTABILITY

# If plastic demand is continuing to rise globally... what is the world actually doing about the environmental consequences?

***Reducing unnecessary plastics***  
***Building circular recycling systems***  
***Designing better plastics***  
***.....***  
***Accepting an uncomfortable reality***

***Even the best circular systems leak ...***



***“The world is not only trying to build a circular economy...  
it is also searching for solutions for the plastics that escape the system.”***



# A CLEAN WORLD A BRIGHT TOMORROW

An Inheritance for Our Children



## PRE-USE

- Reduce
- Lightweight
- Renewable Feedstocks



## USE PHASE

- Reuse
- Refill



## POST-USE

- Mechanical Recycle
- Chemical Recycle
- Upcycle



## SYSTEM ENABLERS

- Collection
- Design for Recycle
- Consumer Behaviour



Circular  
by Design



Responsible  
Solutions



Collaborative  
Action



Better for People,  
Better for Planet



A Sustainable Legacy  
for Future Generations

***“The future may not be one single solution.  
It may require layered solutions — reduction where possible,  
recycling where practical, and responsible biodegradation  
where plastic escapes beyond human control.”***





Non P-Life

Polymer & Masterbatch

Convertor

Packer / Brand-Owner

Retail

Consumer

Waste Collector / Picker

Recycler

Non-Food Stream

Environment

> 70% Pollution

P-Life

Polymer & Masterbatch

Convertor

Packer / Brand-Owner

Retail

Consumer

Waste Collector / Picker

Recycler

Non-Food Stream

Environment

Cleans



# Overview of the PP degradation mechanism by P-Life



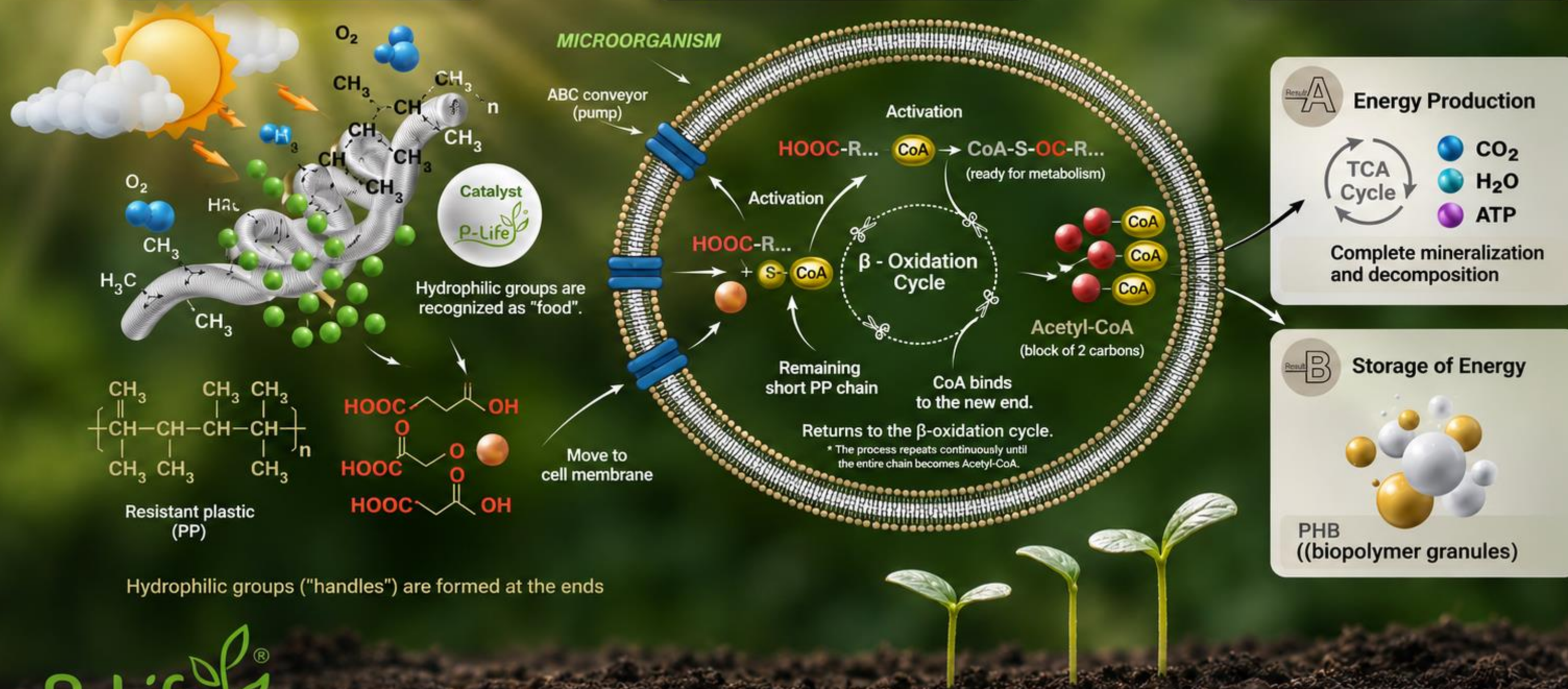
Oxidative degradation in the environment (abiotic process)



Absorption and oxidation by the cell (biological process)



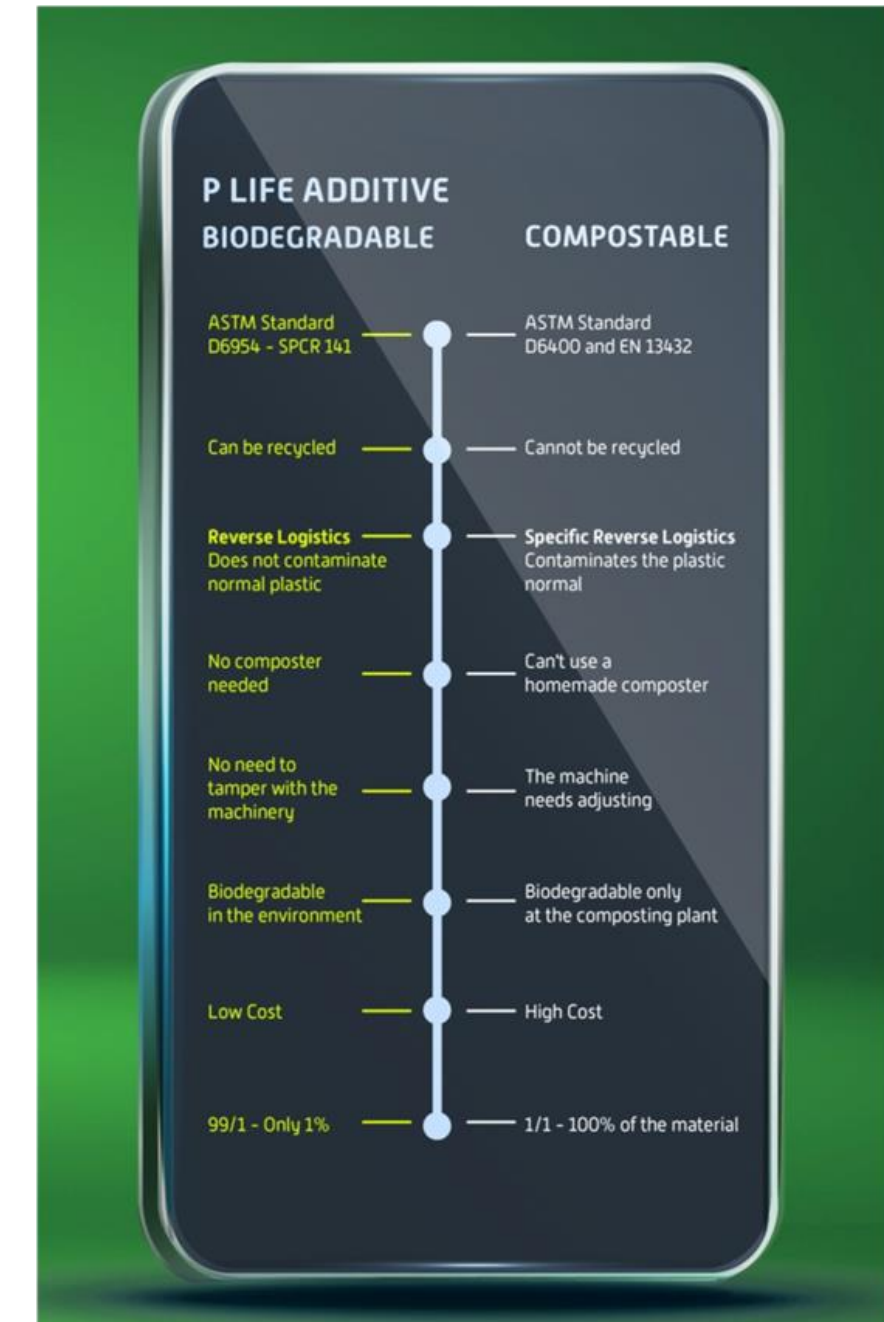
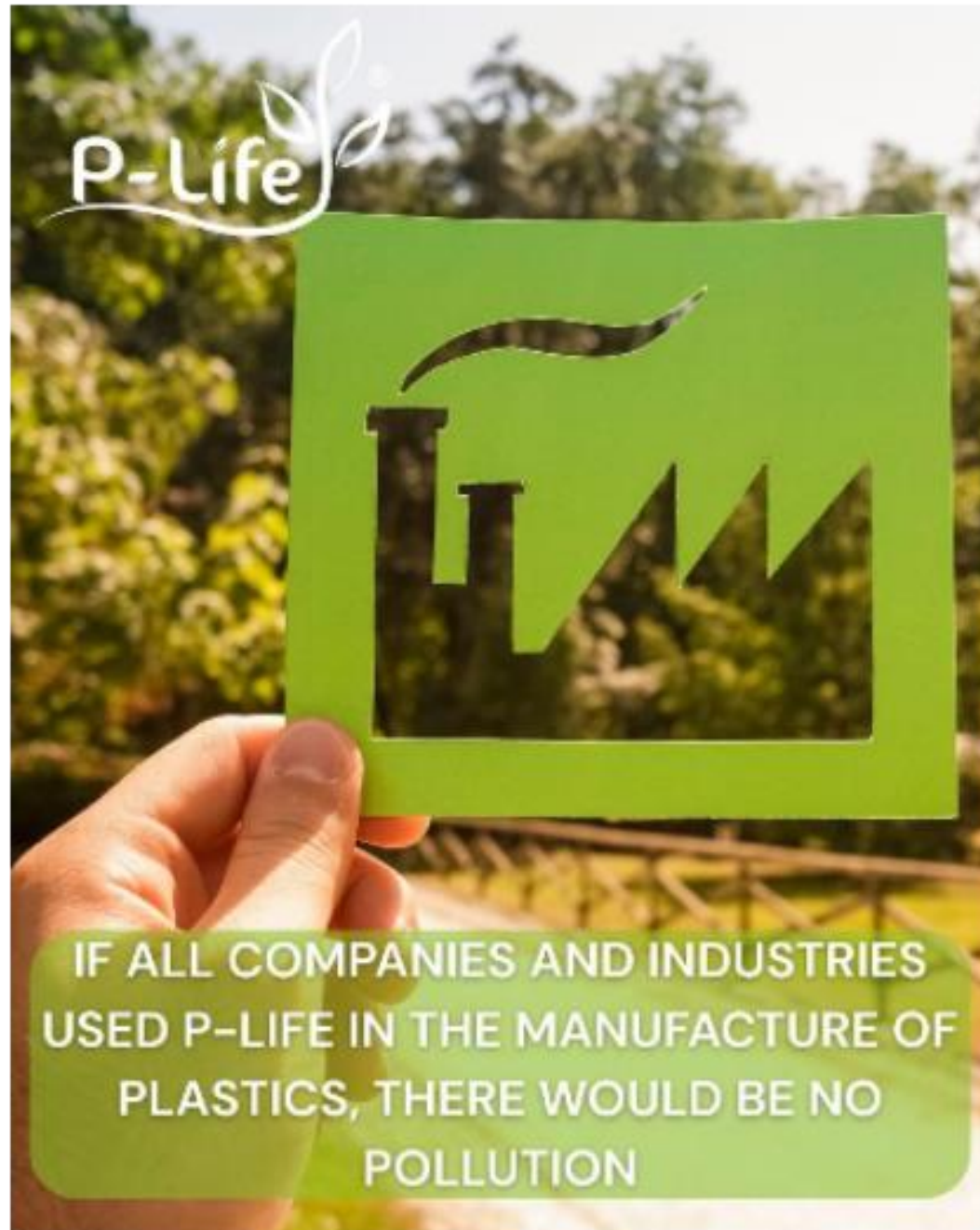
End use (mineralization or storage)



<https://youtu.be/fJu34l15fh0?si=g8ZMuaVLR11AyhNg>

P-Life®





# P-LIFE MAKES PLASTICS BIODEGRADABLE



**P-LIFE'S PATENTED ADDITIVE TURNS REGULAR  
PLASTICS INTO BIODEGRADABLE MATERIALS  
WITHOUT ALTERING THEIR PHYSICAL PROPERTIES.**

CONTACT US: +52 1 33 3841 6195



# TESTED & CERTIFIED WORLDWIDE



**FDA APPROVED – SAFE FOR FOOD CONTACT**   
**SGS & SP CERTIFICATES – FULL BIODEGRADABILITY**   
**LAB TESTS PROVE NO MICROPLASTIC RESIDUES** 

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