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Circular Economy and Sustainable solutions
for Agrifood in the Mediterranean

ONYRI

PyreneesMediterranean SUSTAINABLE AGRI-FOOD INNOVATION DAY

AGORA

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2 JULY 2026 LA CITÉ, TOULOUS

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New bioBased, biodeGradable and PFAs free water and Oil Repellent bAper packaging solution

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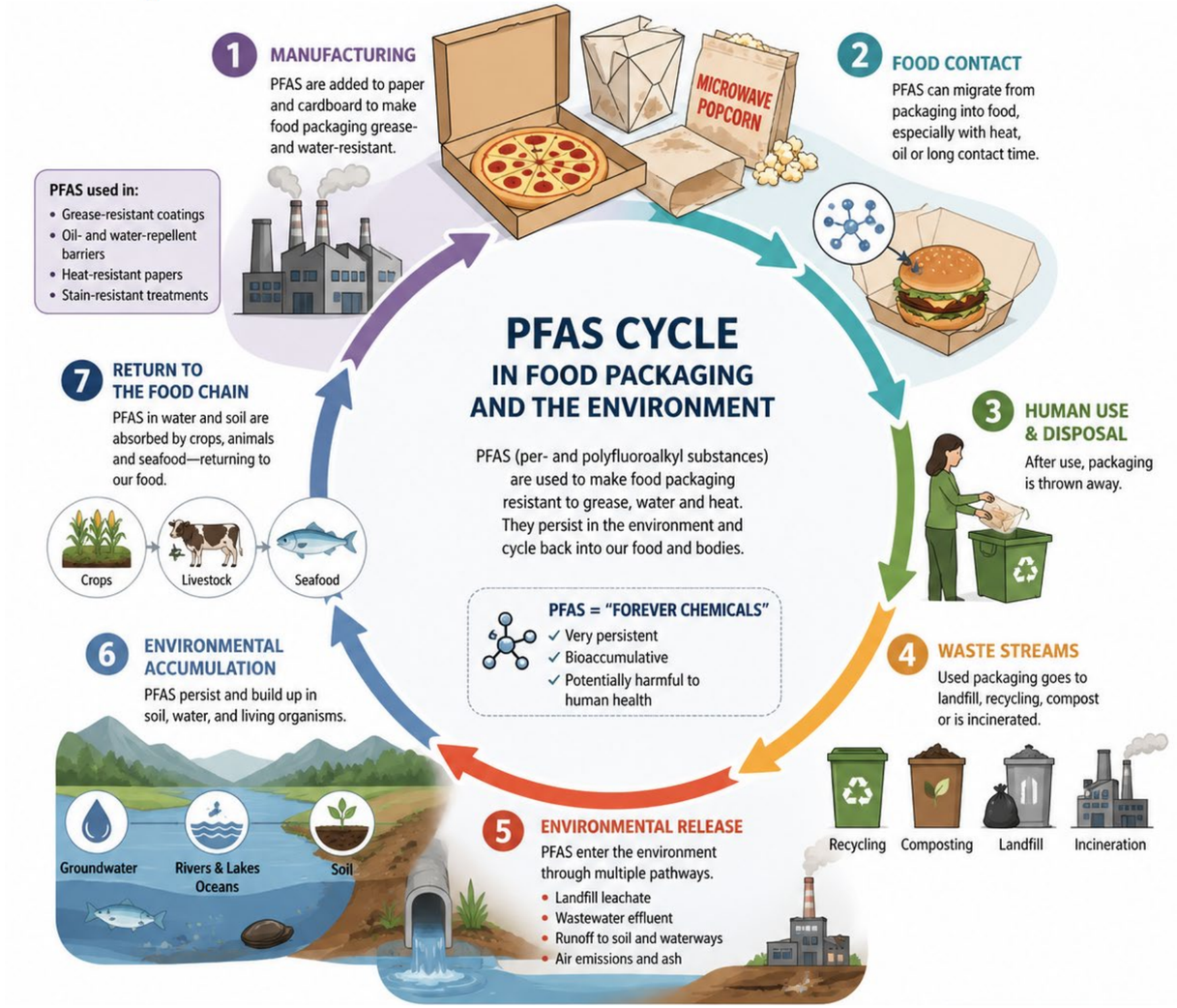
FOOD PACKAGING

Coatings based on PFAS

Toxic and bioaccumulative



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1. AMPHIBIO TECHNOLOGY

Solutions of cationic polysaccharides

- Biobased
- Biodegradable
- Excellent film formation
- Strong adhesion and surface uniformity

Provides a continuous, strong and flexible biopolymer base layer.

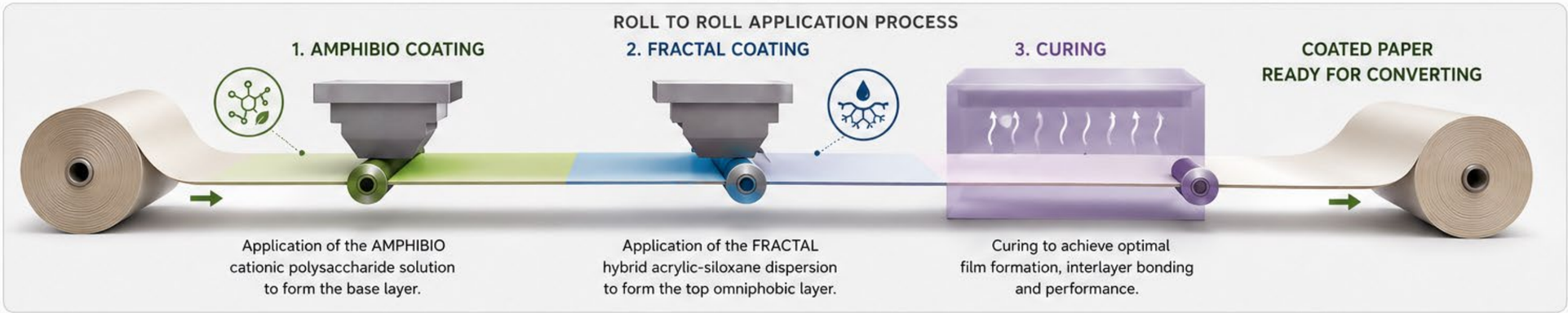
2. FRACTAL TECHNOLOGY

Hybrid acrylic-siloxane water dispersions with omniphobic properties

- Omniphobic (water and oil repellency)
- Low surface energy
- High barrier enhancement
- Durable and uniform top layer

Creates a low energy, omniphobic surface and enhances barrier performance.

ROLL TO ROLL APPLICATION PROCESS



1. OMNIPHOBIC PROPERTIES
The coating provides resistance to both water and oils

2. BARRIER PROPERTIES
The coating reduces gas and moisture transfer

3. END OF LIFE PROPERTIES
The coating is designed for biodegradability

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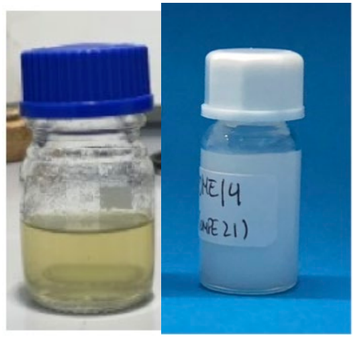
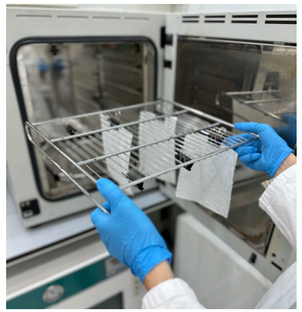
AGORA: PRODUCT SOLUTION DEVELOPMENT

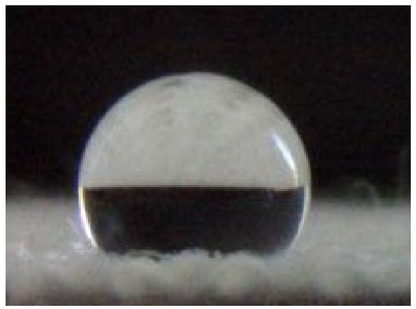


Coating Development

Application

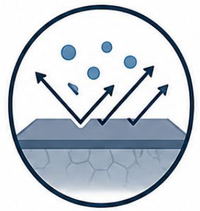


Curing



Performance characterization

AGORA: IMPACT OF THE PRODUCT SOLUTION



HIGH BARRIER PROPERTIES

HIGH OMNIPHOBIC PROPERTIES

>60% CO_2 FOOTPRINT REDUCTION

BIODEGRADABLE

BIOBASED

NON-TOXIC

SUSTAINABLE

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