

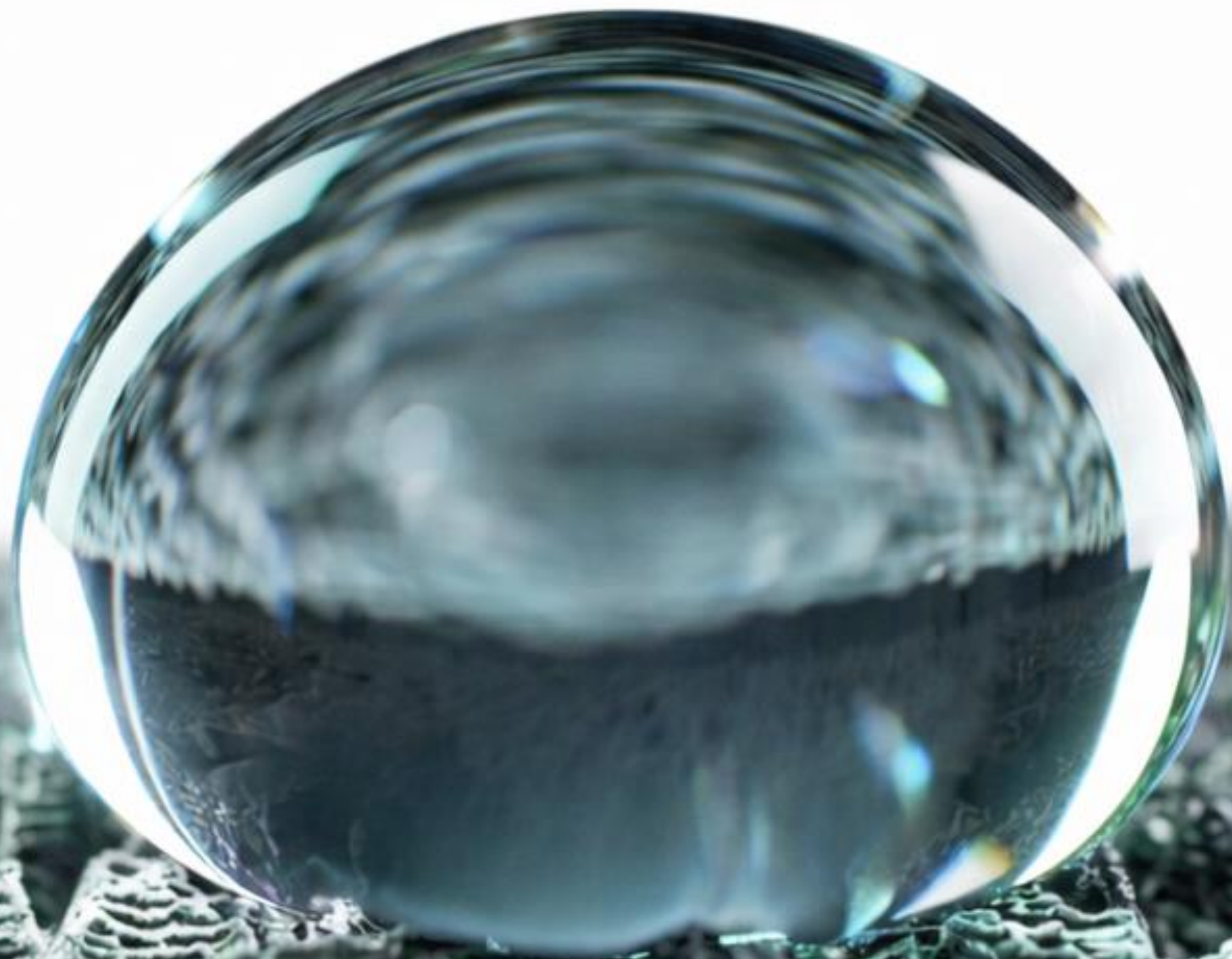
# PFAS-Free Coatings



## Capturing a €1.8 Billion Market Opportunity

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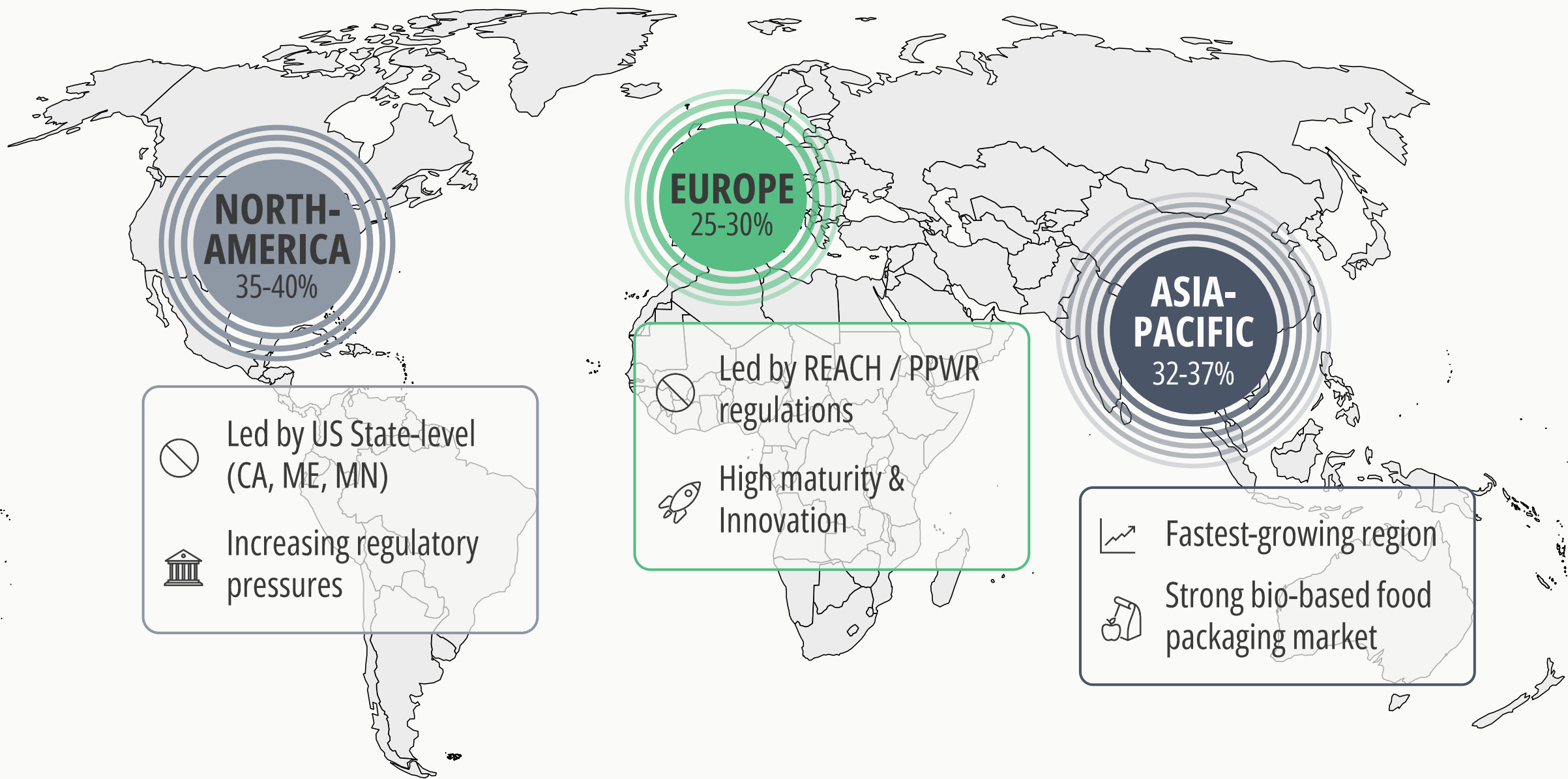


- Zero PFAS
- 25-98% Bio-based
- Full Performance

Image generated using an enhanced prompt of "Macro photography-style rendering of a perfect water droplet suspended on a textured bio-coating surface" by Gemini, Google, March 9, 2026. <https://gemini.google.com>.

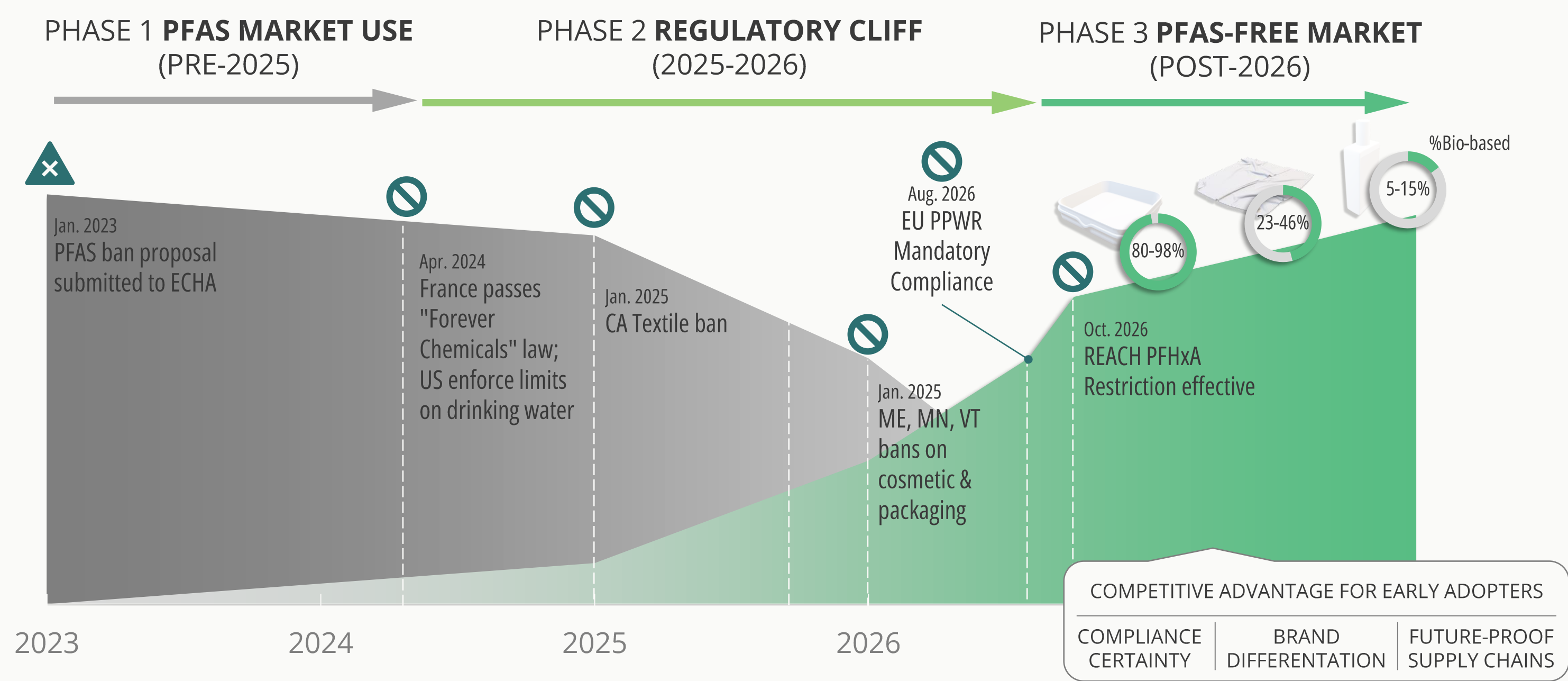
### THE PROBLEM

PFAS "forever chemicals" contaminate ecosystems and face elimination under EU REACH and US state bans. The coating industry urgently needs sustainable alternatives. Current PFAS-free options often sacrifice performance, which limits adoption in demanding applications such as food packaging and technical textiles.



### THE OPPORTUNITY

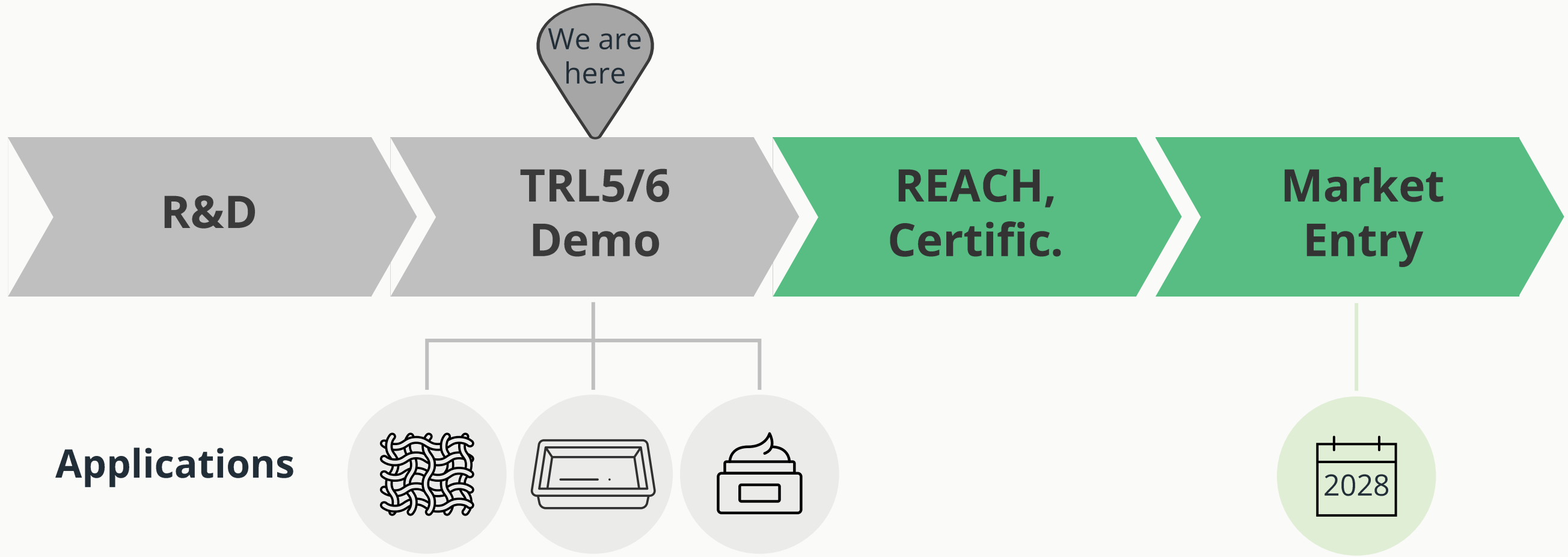
**PFAS-free coatings market: €1.3B (2024) → €1.8B (2030).** Early adopters can capture market share, while competitors face fines and restricted access. Companies choosing PFAS-free gain compliance certainty, brand differentiation, and future-proof supply chains.



### THE SOLUTION

BIO-SUSHY delivers high-performance, bio-based coatings (up to 98%) that match PFAS functionality without environmental persistence. Our **Safe-and-Sustainable-by-Design** validation de-risks adoption for manufacturers. Three coating platforms target high-value markets:

- **Thermoplastic powder** (food packaging): Responding to QSR commitments and regulatory deadlines.
- **Hybrid sol-gel** (technical textiles & cosmetic packaging): Meeting premium sector sustainability demands.



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Sustainable surface protection by glass-like hybrid and biomaterials coatings

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