



## Press Release

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# CH-Bioforce Brings Upcycled Finnish Biomaterials and Microplastic-Free Haircare Innovation to in-cosmetics Global 2026

*At in-cosmetics Global, Paris, 14–16 April, CH-Bioforce will present its portfolio of advanced Finnish biomaterials for skincare, haircare and make-up — including the debut of HAIRFORSENSE™, a bio-based hair styling technology designed to replace fossil-based polymers without compromising performance.*

The cosmetics industry is under growing pressure to eliminate microplastics, reduce reliance on fossil-based ingredients and secure European supply chains — all while maintaining formulation performance. CH-Bioforce, a Finnish biomaterials company rooted in circular economy principles, has developed a portfolio of upcycled ingredients designed to meet exactly these demands.

At in-cosmetics Global 2026, CH-Bioforce will showcase its full ingredient portfolio developed through its proprietary BIOFORSENSE® technology, which transforms upcycled oat husk side streams into high-value cosmetic biomaterials.

The portfolio includes ingredients such as XYLENSE®, LIGNENSE®, and CELLENSE™ for advanced microfibrillated and microcrystalline cellulose (MCC) solutions. These materials can act as rheology modifiers, emulsifiers, stabilizers, and sensory enhancers, while also providing active properties including prebiotic support, moisturising benefits, antimicrobial and antioxidant activity, and natural UV-absorption potential.

XYLENSE and LIGNENSE are COSMOS-certified ingredients, confirming compliance with internationally recognised standards for natural origin, responsible sourcing, full traceability and compatibility with certified cosmetic formulations — giving formulators regulatory confidence alongside performance.

A key highlight at the show is HAIRFORSENSE™, CH-Bioforce's latest innovation for haircare formulations. Developed to address the industry's growing need for microplastic-free styling solutions, HAIRFORSENSE is a bio-based, upcycled technology derived from oat husk side streams. It is designed to replace fossil-based styling polymers while maintaining high

performance. The innovation supports the transition toward more sustainable hair styling formulations without compromising functionality or sensory properties.

Visitors to the CH-Bioforce stand will have the opportunity to experience all ingredients in finished formulations — touching, feeling and exploring their sensory performance and application potential firsthand.

Industry professionals attending in-cosmetics Global are invited to visit **CH-Bioforce at booth 1A80**, Paris, 14–16 April 2026, to learn more about BIOFORSENSE technology and experience the next generation of Finnish biomaterial innovations for cosmetics and clean beauty.

Press photo bank:

[https://drive.google.com/drive/u/0/folders/1-ws30c4eB-9HNYXMyC6ENHexi9D\\_HQ02](https://drive.google.com/drive/u/0/folders/1-ws30c4eB-9HNYXMyC6ENHexi9D_HQ02)

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## About CH-Bioforce

CH-Bioforce is a Finnish biomaterials company that transforms upcycled side streams like oat husk into high-value raw materials using its proprietary BIOFORSENSE technology. The cosmetics portfolio — XYLENSE and LIGNENSE (both COSMOS-certified), and CELLENSE — delivers multifunctional performance for skincare and haircare formulations, combining natural origin, patented technology, and full traceability. The latest addition to the portfolio is HAIRFORSENSE™, a bio-based styling technology derived from oat husk, designed to replace fossil-based styling polymers in haircare formulations while delivering curl definition, frizz control and flexible hold.

More information: [www.ch-bioforce.com](http://www.ch-bioforce.com)

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