

CH-Bioforce Oy
Press Release
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CH-Bioforce to Present Bioforsense Technology at The Greener Manufacturing Show 2023

CH-Bioforce is thrilled to showcase its innovative Bioforsense technology at The Greener Manufacturing Show Europe, in Cologne, Germany on 8th and 9th November.

The Greener Manufacturing Show brings together various companies dedicated to designing and manufacturing sustainable products while reducing the environmental impact of the industrial processes. By utilizing biomaterials from biomass, CH-Bioforce strives for a cleaner world and a reduced reliance on oil-based raw materials, offering manufacturers an opportunity to shift into more sustainable practices.

Addressing the Escalating Demand for Sustainability with Bioforsense Technology

In a world where the demand for sustainable and eco-conscious products continues to surge, manufacturers face the task of redefining their operations and approaches to align with sustainability goals.

CH-Bioforce stands at the forefront of this movement, ready to address the surging demand with its innovative Bioforsense technology.

Bioforsense technology is designed for nearly chemical-free processing of various biomass types such as wood and straw. This process yields exceptionally pure biomaterials – Cellense (cellulose), Xylense (hemicellulose), and Lignense (lignin). Produced materials offer sustainable alternatives to traditional oil-based raw materials in various applications, enabling manufacturers to seamlessly integrate sustainability into their production processes.

Petri Tolonen, CEO of CH-Bioforce, sheds light on the environmental benefits of Bioforsense technology.

– Our technology makes the products and processes more environmentally friendly without decreasing product useability or durability. The products maintain their features and at the same time the manufacturing produces less CO2 emissions, emits fewer microplastics into the world, decreases the demand for oil-based raw materials, and uses much less water, says Tolonen.

CH-Bioforce embodies the ethos of “from waste to value”, emphasizing the critical significance of harnessing industrial side streams that would otherwise contribute to global emissions.

Exploring the future of sustainable manufacturing at the Greener Manufacturing Show 2023

The Greener Manufacturing Show in Cologne offers an exceptional platform to showcase how Bioforsense technology can empower manufacturers to transition their enterprises toward a more sustainable environment without compromising product quality or profitability.

Bioforsense technology and harnessed biomaterials can be experienced at CH-Bioforce’s stand (D180). As an illustration of biopolymers usable in numerous industries, CH-Bioforce will present visitors with a concrete example from the world of cosmetics. Visit the stand to get a feel of the raw materials first-hand and experience the hand balm made by HETKINEN that uses CH-Bioforce’s Xylense as a raw material.

CH-Bioforce remains steadfast in its pursuit of a world where sustainability, green values, and efficient resource utilization guide business practices, enhancing both environmental responsibility and profitability of manufacturing enterprises.

More information

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Photo 1: Hand balm made by HETKINEN that uses CH-Bioforce’s Xylense as a raw material.
Photo 2: CH-Bioforce: Sebastian von Schoultz, Mari Taipale, Petri Tolonen

CHB Photo library: <https://www.ch-bioforce.com/media/>

