

Our Technology

- **Facilitates lignin processing** in a water-efficient, high-consistency, and flowable gel state.
- **Scalability:** Patented technology ready for integration into existing industrial processes.
- **Market Need:** Direct solution for the 2 million tons/year technical lignin market.
- **Deep Tech Roots:** A Stockholm University spin-off led by experts in biomass valorization.



About Us

Lignoflow Technologies AB is a spin-off company from Stockholm University. Building on years of research and development work on lignin-based materials, the co-founders established the company in 2022 based on a patented technology.



Ievgen Pylypchuk
CEO, co-founder



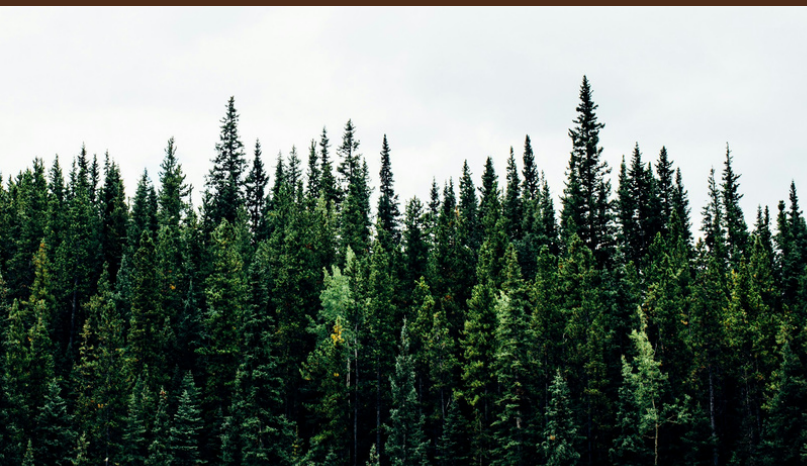
Mika Sipponen
Head of the board,
co-founder

Join the Flow. Shape the Bio-Economy.



SUSTAINABLE LIGNIN SOLUTIONS

Lignoflow



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Lignoflow transforms lignin, byproduct from the forestry and paper industries, into high-value, sustainable materials. We create processes that convert lignin into eco-friendly alternatives to fossil-based products, such as adhesives, engineered wood materials, and cosmetics.

Our Vision

We see the future through sustainability and materials circularity. We see a world with bio-based materials that have substituted fossil-based plastics. We are replacing toxic, fossil-based resins in a multi-billion dollar market that is hungry for sustainable innovation.

Lignoflow is dedicated to providing tailored solutions that expedite the introduction of lignin-based formulations to the market. Lignoflow is redefining the circular bio-economy. We take lignin - the most abundant natural polymer - and transform it into high-consistency gels and dispersions without organic solvents.

Scaling For A Fossil-Free Future: Transforming Biomass Into Scalable Materials



Biorefineries as source
of lignin side-streams



Market Opportunity Disrupting A \$15B Industry

Lignoflow isn't just chemistry; it's a high-growth business solution for the global transition to net-zero. We are transforming a multi-billion-dollar market by replacing toxic, fossil-based resins with a safer, sustainable alternative. Regulatory Advantage: Our formaldehyde-free technology stays ahead of strict EU environmental and health regulations - positioning us at the forefront of a market now forced to reformulate

Our Applications: Fully Bio-Based Adhesives

- Bio-based content 96%
- Waterborne
- Formaldehyde free



Join the movement
toward sustainability and
contribute to reducing
our reliance on fossil
fuels.