



Lixea® uses a sustainable chemical process to turn waste wood and agricultural residue into input materials for the renewable chemical industry.

Lixea® is developing an innovative biomass fractionation process using low-cost ionic liquids.

Currently, our society relies heavily on the use of crude oil, and products are discarded at the end of their lives. We want to change all that, which is why we are developing novel chemical processes that enable us to live more sustainably in a clean world.

Our first product is the Dendronic process that uses waste wood, agricultural by-products and sustainably grown biomass to produce a greener alternative to today's petrochemical industry, while providing unwanted waste materials with a new purpose.

Florence is co-founder and Chief Technology Officer of Lixea. While completing her PhD at Imperial College's Chemical Engineering Department, she co-invented the Dendronic process which uses an environmentally friendly solvent called ionic liquids. These liquids separate the different components of wood and agricultural residue. The components can then be used to produce new chemicals and materials, shifting our reliance away from petroleum. She has raised over €4.5 million in funding for her company Lixea which is currently commissioning a pilot plant for the Dendronic process in Sweden. She is passionate about using her skills to make a lasting difference to the environment and society.



Florence Gschwend
Co-founder & Chief Technology Officer

Language skills: German (native), English (full proficiency), French (fluent), Italian (basic), Swedish (basic).



www.lixea.co



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