

## **Efficient biomass processing**

Impact of Lignin Carbohydrate Complexes (LCC's) on recalcitrance

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**Challenge:** Achieving complete separation of lignin, hemicellulose and cellulose.



**Obstacle:** Impurities like LCCs complicate and hinder the fractionation process.



**Goal:** Enabling the use of alternative biomasses for resilient biorefinery concepts.

