
Supplementary Materials: Integrated hemicellulose extraction and papermaking fiber production from agro-waste biomass

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Figure S1. Corn stalks chopped and shredded.



Figure S2. The pulping reactor.





Storage bottles



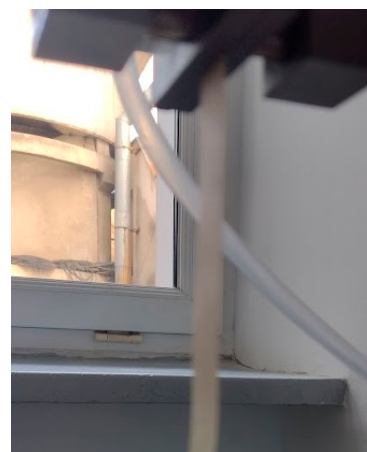
Fines removal (filtering)



Lignin precipitation



Hemicellulose separation

Figure S3. Various stages of liquid phase processing.**Figure S4.** Hemicelluloses samples (before and after drying).**Figure S5.** Paper sheets and preliminary strength testing.