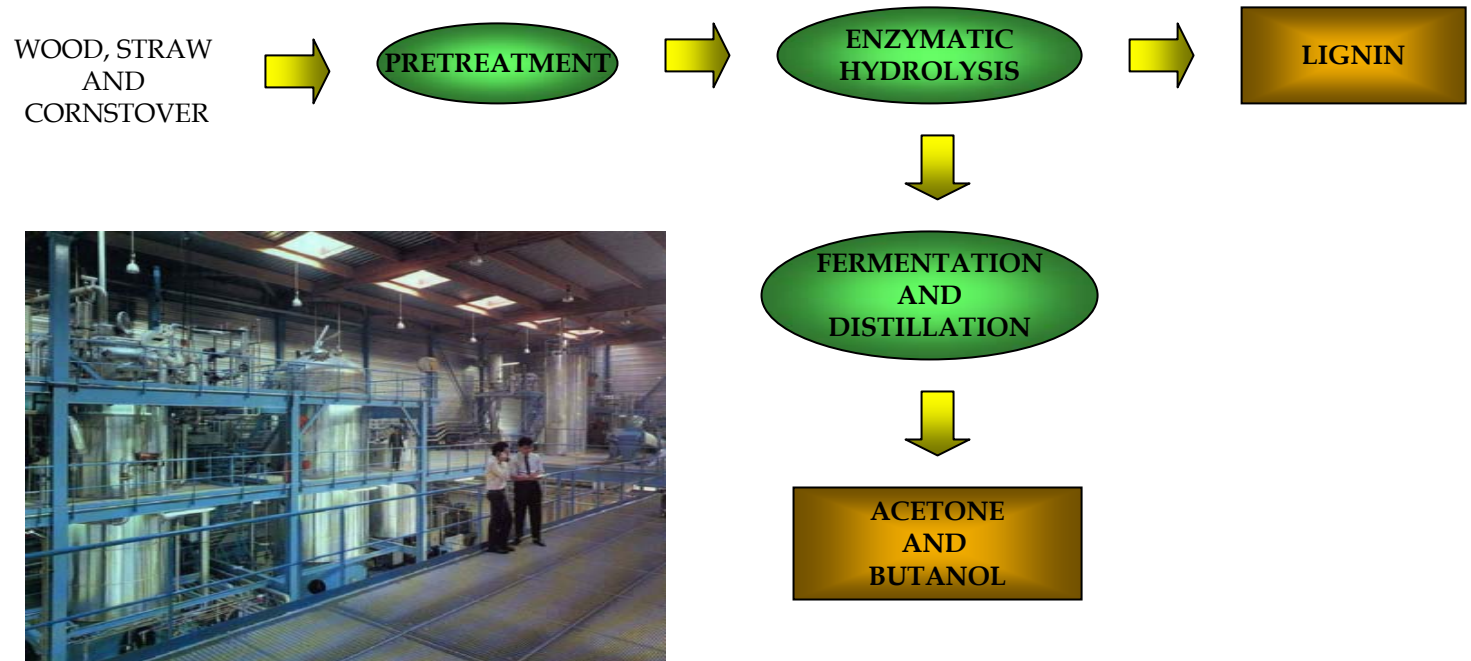


Cellulosic Butanol Alcohol for Road Fuel



In France, butanol is produced from wheat straw, corn stover and wood chips for road fuel.

The SunOpta BioProcess Group constructed the first modern cellulosic alcohol plant in France 20 years ago, complete with on-site enzyme production.

Following biomass preparation, the raw materials are subjected to autohydrolysis pretreatment. The pretreated hemicellulose and cellulose are subjected to enzymatic hydrolysis to produce fermentable sugars. Butanol is produced by fermentation and concentrated by distillation for use as road fuel.