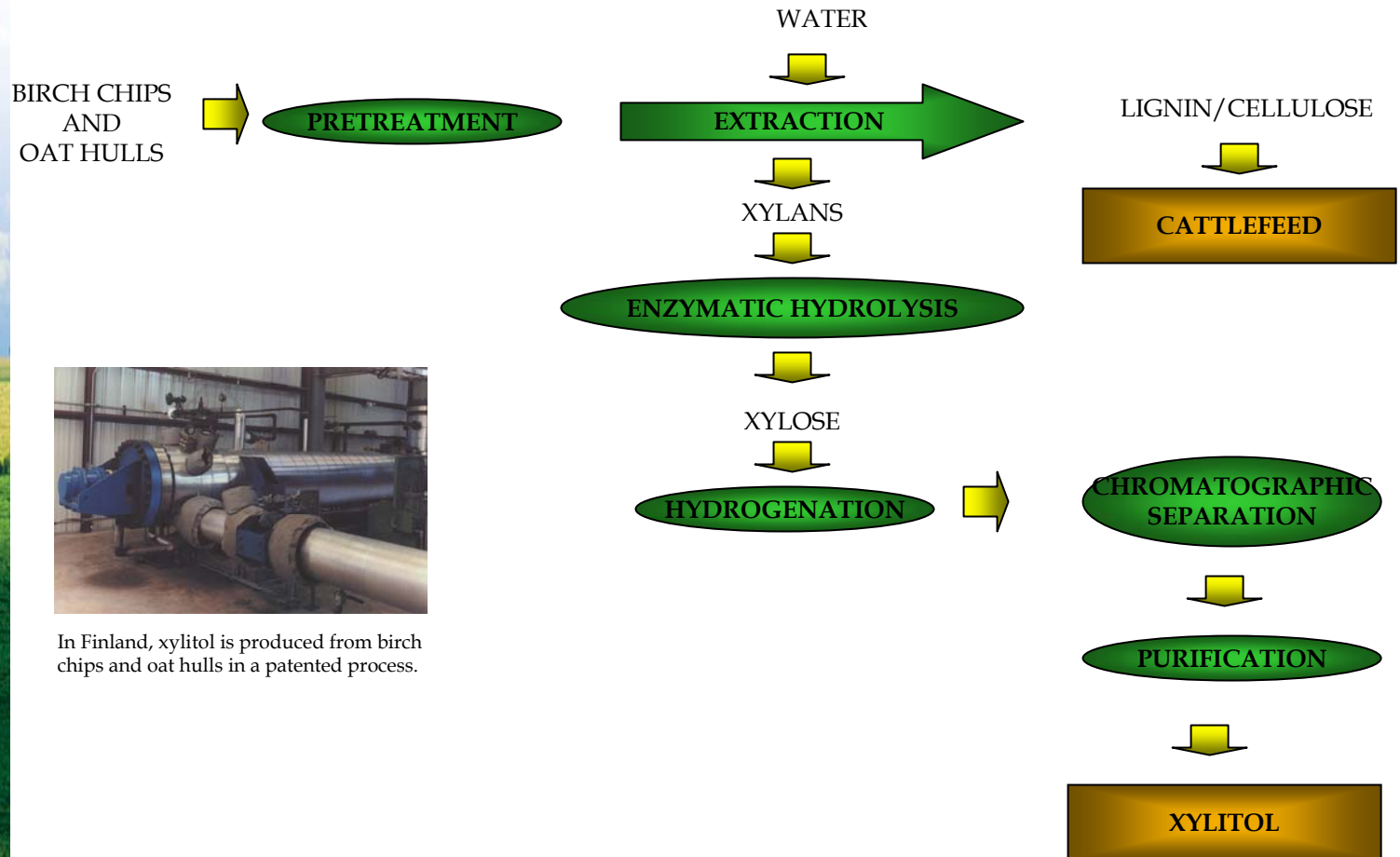


Xylitol – Sugar Alcohol from Agricultural Residues



In Finland, xylitol is produced from birch chips and oat hulls in a patented process.

The pretreated biomass undergoes an extraction stage to deliver a concentrated xylan solution and a combined lignin/cellulose stream. Xylans are subjected to enzymatic hydrolysis to obtain xylose. Xylitol is obtained via the hydrogenation of xylose.