Sugar cane → SHREDDING MILLING → WARM WASH → BAGASSE HANDLING → PRE-TREATMENT → Solid/Liquid SEPARATION → ENZYMATIC HYDROLYSIS → Solid/Liquid SEPARATION → ANAEROBIC DIGESTION → Biogas → STEAM TURBINE

Steam 2.5 bar → 5 EFFECTS EVAPOR. → FERMENT. 1G+2G → YEAST SEPAR. → YEAST ACID WASH → DISTILLATION 1G+2G → Ethanol 1G+2G

Hexose-rich → Solid residues

Pentose-rich → Solid/Liquid SEPARATION