Figure 1

A. Biomass
   Harvest
   Preservation
   Transport
   Physical pre-treatment (Grind / Steam)
   and/or
   Chemical pre-treatment (Acid / Alkali)
   Liquify
   Saccharify
   Fermentation
   Distillation
   Ethanol
   fuel
   Dehydration
   Wastewater treatment

B. Biomass
   Harvest
   Enzymes, Yeast
   Ensiling
   Saccharify
   Fermentation (ethanol, lactic acid)
   Preservation
   Trap vapor
   Transport
   Dehydration
   Ethanol
   Livestock products
   Excrements
   Residue
   Preservative Feed
   fuel
   Dehydration
   Residue
   Fertilizer