

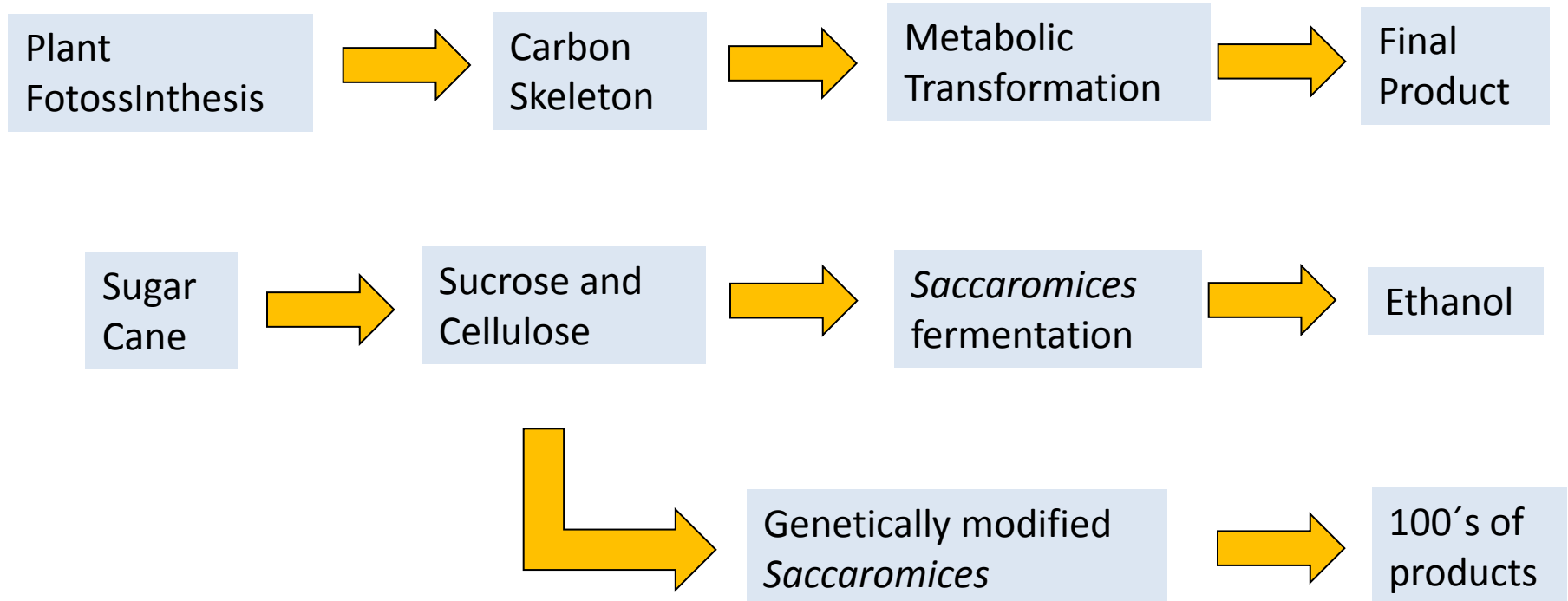


fundopitanga

# Ethanol Summit 2011

7/06/2011

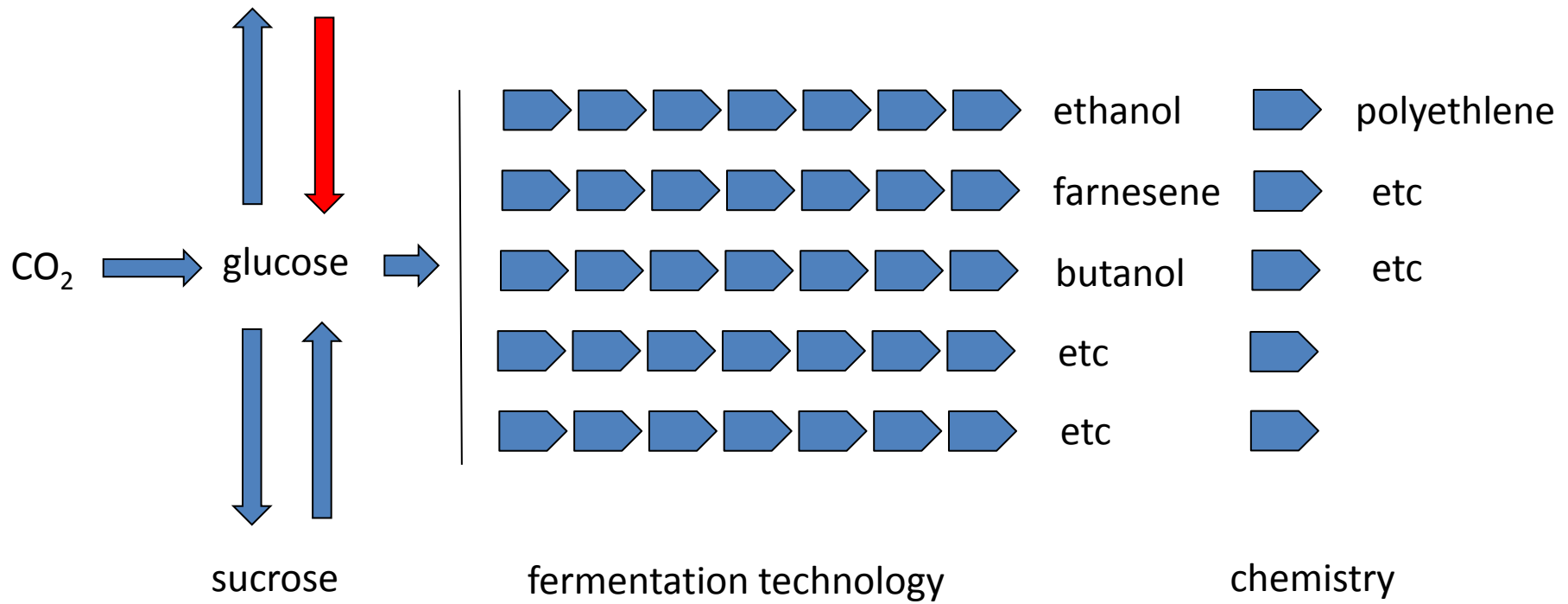
There are hundreds of high value products that can be produced



# Sugar is the center of all carbohydrate metabolism

bagasse

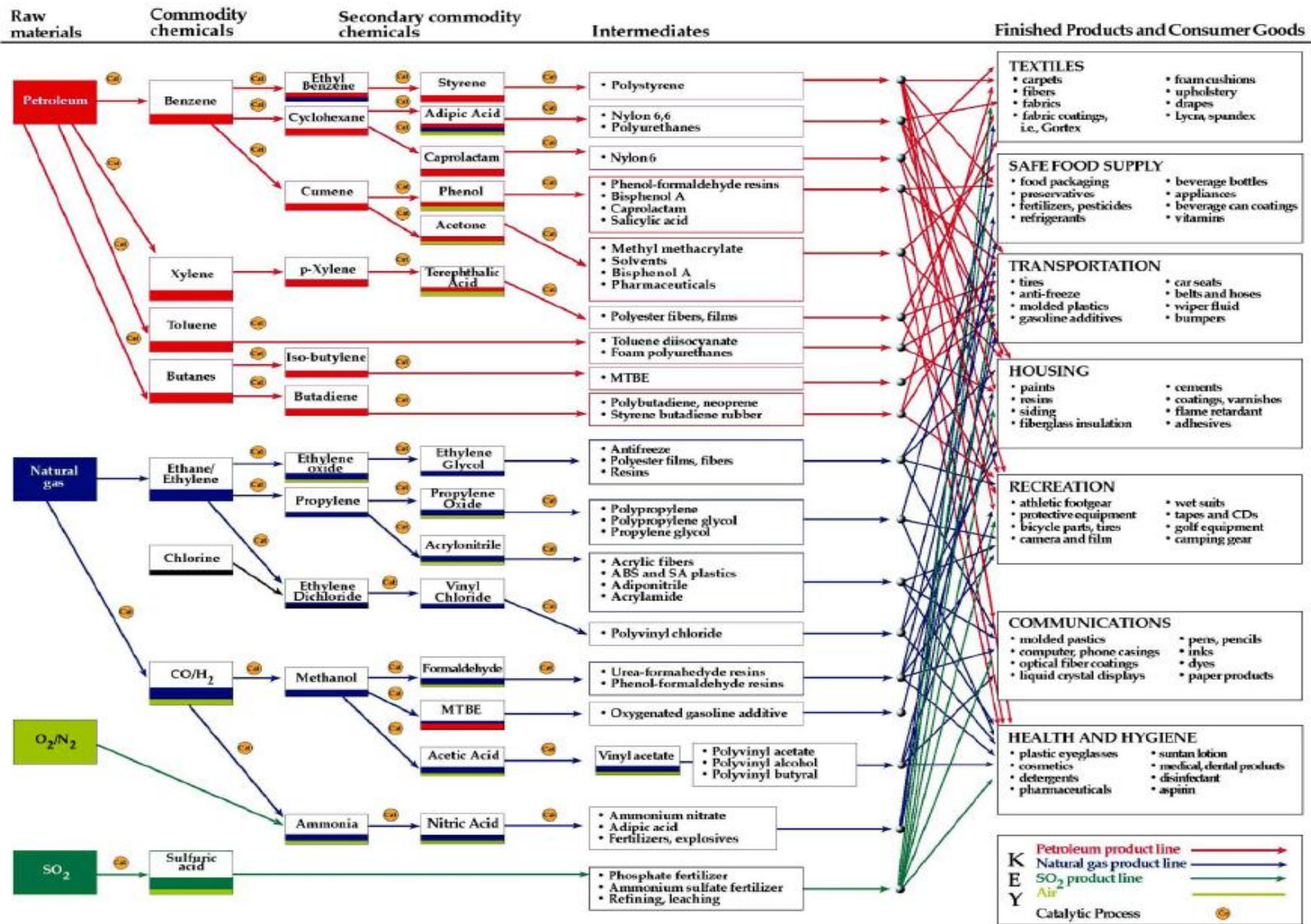
(glucose)<sub>n</sub> = cellulose → electricity



juice

yeast

# There are hundreds of chemical molecules that can be replaced



# Which one will be developed first ?

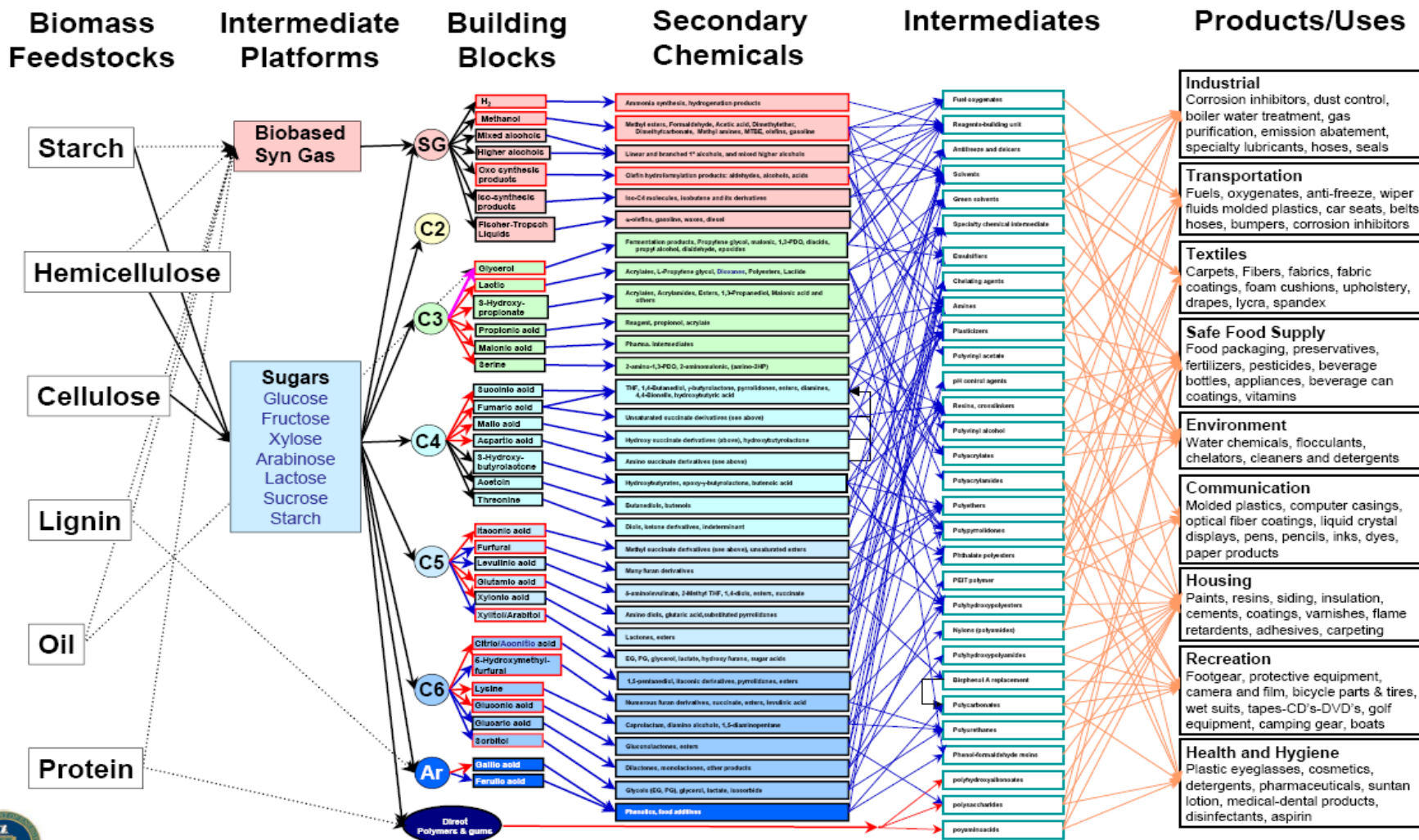


Figure 3 – Analogous Model of a Biobased Product Flow-chart for Biomass Feedstocks



# Amyris isoprenoid pathways can produce multiple biofuels

