

# *Biopolymers in Packaging*



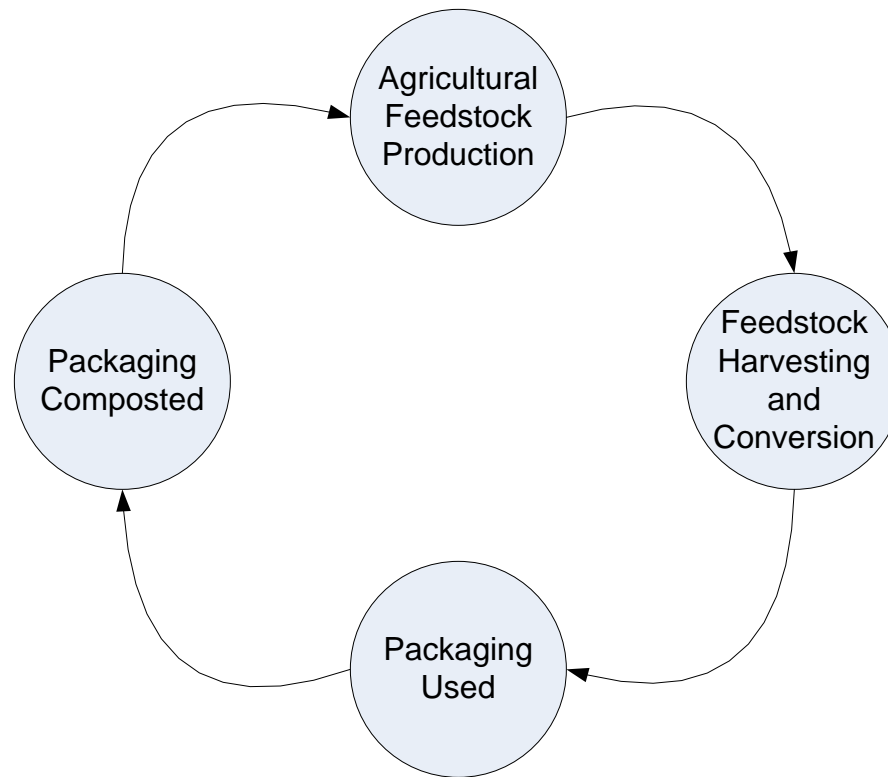


# Environmental Impacts of the Packaging Materials We Choose

- Upstream:
  - Mining, Drilling, or Growing of Base Feedstocks
  - Conversion
  - Transportation
- Downstream
  - Transportation
  - Retailing
  - End of Life Impacts
    - Intended EOL (used in new material streams)
    - Likely EOL (landfill)

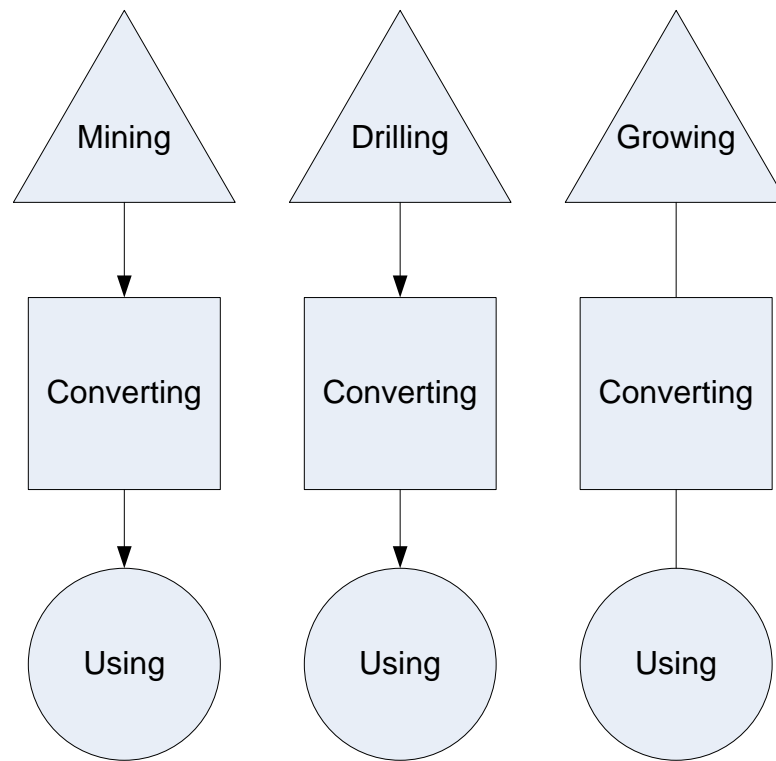


# Ideal Biopolymer System



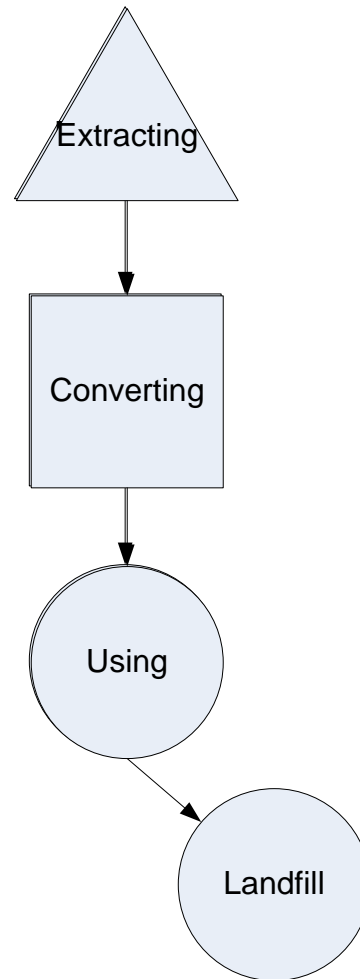


# Current Material Systems



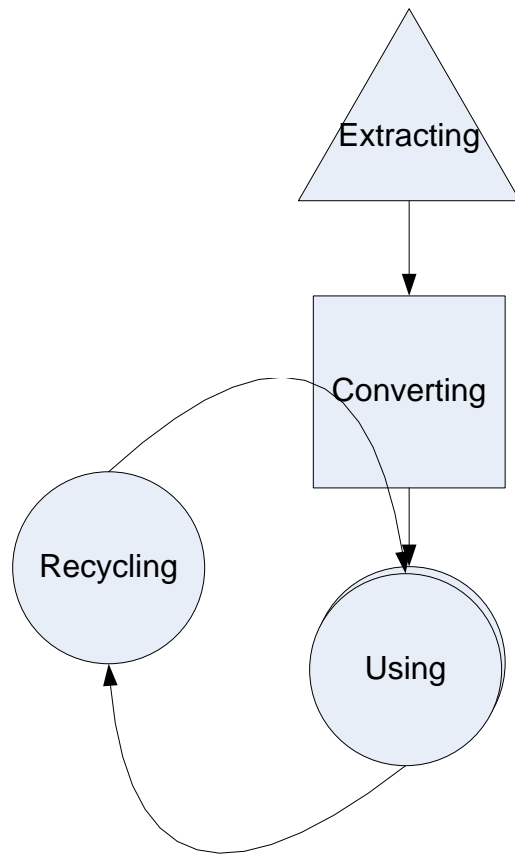


# Current Material Systems



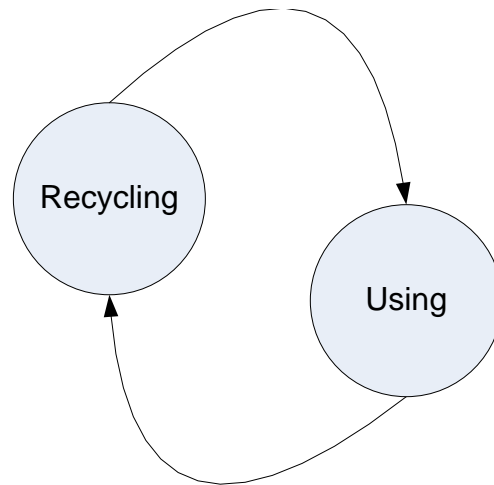


# Ideal Material Systems





# Ideal Material Systems





**Thank you!**

*Chad Smith  
Manager, Sustainability Initiatives  
Business and Product Development Dept.  
Earthbound Farm  
E-mail - [csmith@ebfarm.com](mailto:csmith@ebfarm.com)  
Phone - (831) 623-7880*