Life Cycle Assessment • of Single-Use Products

What is Life Cycle Assessment?



Observe products made from different materials

Calculate their energy

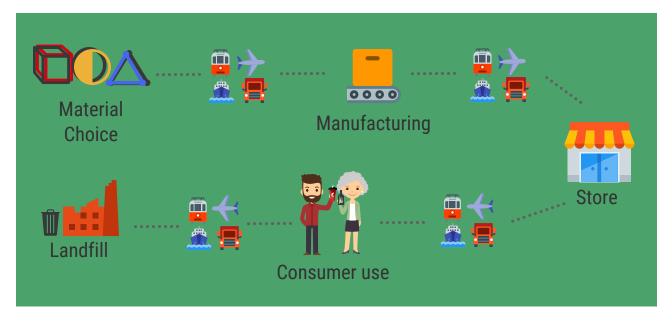
consumption



Determine Environmental Impact

The Life Cycle of a Product:

Cradle-to-Grave Approach: incorporate energy use from material creation all the way through disposal.



Highest energy consuming life cycle phases: Raw Material Production and Manufacturing

Transport by plane consumes at least eight times as much energy as ship or train

Project Outline:

