

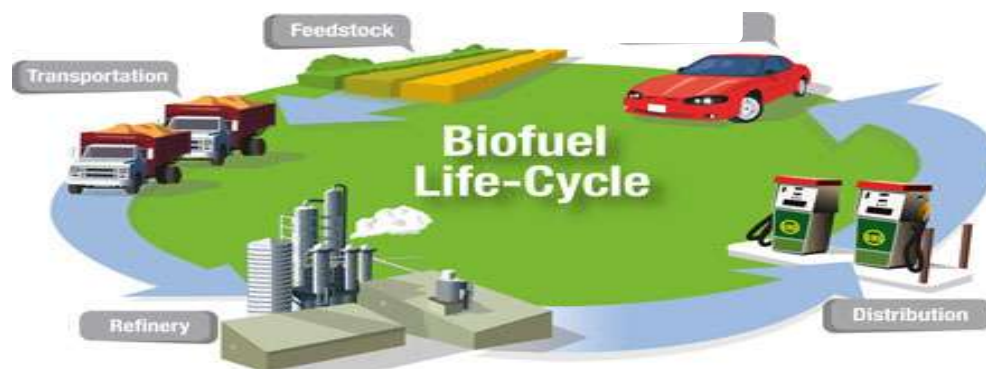
Name _____ College Year: 1st 2nd
 3rd 4th 5th

Major _____ College _____ Male /
 Female

Do you identify with a non-dominant ethnic or socio-economic group?
 Yes / No / Maybe

Imagine that you were asked to make an evidence-based recommendation about the following policy option:

- The County of Santa Cruz is interested in initiating a biomass-to-energy project in the area. Options include electricity and/or fuel from (a) forest or agricultural waste, (b) crops grown exclusively for use as biofuel feedstock, (c) after-market green waste or food waste. (These are general categories, you might want to think about a particular ingredient to help you reason through the exercise).



In order to make a decision about which option is “more sustainable” you will need to select two of the sources of biomass listed above and consider the production chain or “life cycles” of each commodity.

First, in the space on back, please list out all the different factors and impacts, risks, costs, tradeoffs and benefits that you believe must be considered to make this decision.

Second, for each of the two biomass sources you choose list the pros and cons and assign a rank order in a “T” chart. Some items in your list may have both pros and cons – others may be more one sided. Use a numerical ranking 1 – 4 to indicate the relative importance of each.

Third, write a paragraph or two explaining your recommendation. How would you evaluate the relative impacts of these options? Your explanation should reference the terms included in your lists. Please be sure to discuss the **indicators and metrics** you would rely on to determine which option was more sustainable.