

Gaps in Knowledge/Future Research/Future Directions

- Better understanding of regional, spatial and temporal data
- Regional/temporal data that is easily accessible and up to date
- Need for guideline for reasonable assumptions
 - Too often very extreme ends in LCA's
- Need an institution that will provide data for all of Pan America, very dependent on US data.
- Need for transparent LCA's how do we keep transparency with trend towards consequential
 - Small scale production focus on attributional, large scale focus on consequential

Gaps in Knowledge/Future Research/Future Directions

- Need to expand the scope of LCA , need to consider local values and understand what are the regional differences as what we value as sustainable.
- How do we implement different metrics of sustainability into LCA's?
- Have a way/method to efficiently predict future technology to give most accurate LCA's
 - Industry partners or developing an empirical method
- Better understanding of large vs small scale, high vs. low intensity