

Breakout Session 1

Question 2



Question 2

- Considering indicators:
 - Should we move towards IMPACT+ type indicators that divide into global, regional and local impacts, or continue with our current large sets (approximately 10) of mid-point indicators which do not really differentiate where the emissions occur?
 - Are greenhouse gas emissions and energy enough as impact indicators?
 - What do you think are other impact indicators that might be important?
- What kind of guidance would you give to decision makers regarding prioritization / interpretation of impacts / LCA results so they can prioritize?

Group 3

- Facilitator:
 - T. Parry
- Members
 - T. Almuqati
 - J. Bryce
 - L. Haselbach
 - B. Deschenny
 - Y. Jia
 - L. Lemay
 - M. Wayman
 - B. Nokes

Q2: Indicators

- Should adopt global, regional, and local indicators
- LCA goals should influence selection of indicators for spatially dynamic LCA studies
- Extended to temporal dynamic studies (now, or later?)

Q2: Are GHG emissions & energy enough as impact indicators?

- GHG and EE indicators are insufficient but may form basis of high level decisions (caveat emptor)
- Even though more impact categories are important, these impacts are more readily summed over a network level vs project level

Q2: Other impact indicators?

- Decision makers should pick from a full menu as per ISO 14044
- More comprehensive normalization and other interpretation techniques to answer the “so what?” question
- Guidance to decision makers (to help them prioritize) on uncertainty in network/project level regional/local normalization
- Better communication

Group 4

- Facilitator:
 - J. Harvey
- Members:
 - K. Chatti
 - B. Ciavola
 - J. Gregory
 - D. Lippert
 - D. Lopresti
 - R. Sines
 - J. Holland
 - M. Ziyadi

Q2a: Should we move towards IMPACT+ type indicators ...

- Great idea and we support it
- It is going to take a while to get the life cycle inventory data to support and in getting characterization factors correct

Q2b: Are GHG emissions and energy enough as impact indicators?

- No
- However, it is a good start

Q2c: What do you think are other impact indicators ...

- At this point it is premature to rule out particular indicators because we do not know which ones are the most significant
- We can test significance using normalization and assessment of how well suited characterization factors are to a particular location

Q2d: What kind of guidance would you give to decision-makers ...

- LCA experts should inform policy-makers of the kinds of things that can be calculated because policy-makers are unlikely to know this
- Then policy-makers can use the information to make informed decisions