Breakout Session 3

Question 15
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• What are the system boundaries for LCA – should changes in trucking routes and goods damage be included?
Group 6

• Facilitator
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• Members
  – S. Muenech
  – D. Reger
  – S. Sullivan
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  – M. Wasilko
  – J. Willis
  – M. Akbarian
  – S. Sen
• For an LCI, boundaries can be extended to freight damage and vehicle operating costs
• As a simple accounting procedure, bigger boundaries can give more information
• For decision making, avoid double-counting with other sectorial LCAs (e.g. tomatoes)
• Goods damage and routes belong to other LCAs and can be considered there
• Pavement LCA vs. Roadway LCAs: includes those components that interact with pavement directly e.g., not roadway grade