

# Breakout Session 3

## Question 13



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- What are the ways to handle proprietary data collation in LCI? How should LCI data be protected / incentivized / validated?

# Group 4

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# Q13

- Need to protect proprietary data depends on data collection methods, different in each phase of life cycle
- Materials and End of life
  - No problems if EPD industry average, EPD Company specific, Other surveys need confidentiality agreements
- Construction (including M&R)
  - Same as materials. Can also use published equipment info for power, etc
- Use phase
  - Fuel economy: currently can only do controlled experiment. Public information regarding pavement condition, but hard to get.
  - Albedo effects: mix of information including building stock information, climate models, electrical use
  - Vehicle operating costs: large truck fleets confidential, personal vehicles is private information, but both exist, need agreements
  - Lighting: public information
- The Future
  - Tie to existing business tracking systems, truck fleets, construction companies
  - Telematics in personal vehicles, others in transportation research doing this
  - Ability to audit materials and construction LCAs with later performance data?