Breakout Session 2

Question 9
Question 9

• Considering LCI information:
  – How should routine updating of information on LCIs be done and how often should this be done? Is this a requirement?
  – What are the alternative methods for developing LCI data? Should it include questionnaires / industry associations / other means?
  – What role should regionality play in this?

• How should LCI input be structured in a LCA tool to fit contractor type data? Maybe tied to a pay item?
Group 7

• Facilitator
  – N. Santero

• Members
  – L. Francke
  – A. Mukherjee
  – M. Shakiba
  – T. Tietz

  – M. Wood
  – O. Yasoghli
  – N. Anthonissen
  – D. Maskey
Q9

• Updating LCIs
  – Function of change in technology, energy mix, material inputs, etc.
  – Recommend 5-year update cycle → complies with EPD requirements and general LCA best practices

• LCI development suggestions
  – Manufacturer should understand value of process
  – LCA practitioner should understand technology and manufacturing process
  – Data collection scope should be “socially negotiated”
  – Maximize data already available (e.g., emissions reporting)
Q9

• Regionality
  – Generally, regionally-specific information is good
  – Potential conflict between regional-specific data and consistent data → which should be prioritized?
  – Standardized methodologies and databases are important considerations

• LCI input for pavement LCA tools
  – LCI data should be tied to pay items for reporting purposes
  – Sufficient information should be reported to enable LCA tools to function (i.e., material quantities)