Breakout Session 1

Question 3
Question 3

• How important is international and national collaboration on development and standardization of pavement LCA?
  – Is more or less needed or it is about right?
  – Why?

• How does global trade and the internationalization of product procurement and services play a role?
Group 5

• Facilitator
  – W. Steyn

• Members:
  – A. Kendall
  – B. Killingsworth
  – A. Loughalam
  – L. Miller
  – C. Slocum
  – S. Vanikar
  – L. Tiefenthaler
  – B. Yang
Q3

• Categories of Collaboration
  – Information sharing
  – Collaboration
  – Harmonizing

• Levels of Collaboration
  – National, International
  – Interdisciplinary
  – Interdepartmental/Inter-agency
  – Stakeholders/Industry/Users
Q3

• Appropriateness of Data Sharing
  – Depends on project level
  – Consistent data format

• Consistent system boundaries
Group 6

• Facilitator
  – A. Jullien

• Members
  – S. Muenech
  – D. Reger
  – S. Sullivan
  – S. Thyagarajan
  – M. Wasilko
  – J. Willis
  – M. Akbarian
  – S. Sen
Q3: International and National Standards & Collaboration

• Two issues: Standardization & Collaboration
• Impacts Pavement LCI as much as LCA
• “Flow” of an LCA should be understood and LCI requirements set accordingly
• Let regulators (e.g. EPA, FHWA) frame rules on contentious issues
Q3: Collaboration

• More the merrier – avoid repetition, encourage use
• Allows discussion in a globalized world - important to talk
• Talk to stakeholders (engineers, industry, urban planners, government) for a wide perspective
Q3: Standardization

• Global standard is difficult – global, flexible framework with regional standards
• Reasonably accurate, fair and consistent local models with tools for contractors
• Code of ethics for engineers on sustainability
• Transparency in EPDs
  – As much data as possible
  – Use a checklist to inform stakeholders