

Breakout Session 1

Question 3



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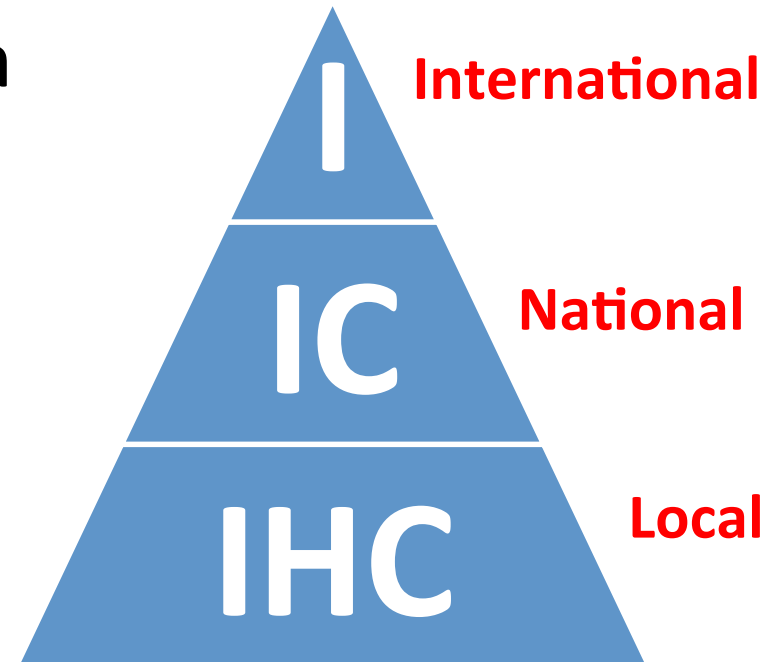
- How important is international and national collaboration on development and standardization of pavement LCA?
 - Is more or less needed or it is about right?
 - Why?
- How does global trade and the internationalization of product procurement and services play a role?

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