InLCA / LCM 2003

Life Cycle Assessment / Life Cycle Management:
A Bridge to a Sustainable Future
Seattle, Washington – September 23-25, 2003

Decision-Making Perspectives:

A working session to analyze LCA's contribution to management, product and process design, and policy decision-making

This session will explore life cycle-based methods and tools in comparison with traditional methods and analytical tools applied from various user perspectives to a common product system. The experience, including presentations, group discussion, and collaborative analysis segments, is intended to provide a significant departure from the typical conference presentation followed by audience Q&A format.

Specifically, the role of LCA in management, product design, process development, and regulatory or policy development decisions will be analyzed for power trains (engine/transmission/drive train) for personal vehicles. The analysis will provide the audience insights on the costs, benefits, and execution requirements associated with the application of LCA as an expert practitioner would view them during the initial scoping and goal definition stage of a project.

How will the session work?

Prior to the conference, perspective leaders have been provided with a short background document describing the system characteristics, the nature of the exercise, a tentative agenda for the session, and some suggestions on how the various perspective teams might proceed up to the conference. At the conference, brief presentations by perspective leaders will reveal:

- o Steps in decision-making processes
- o Tools used in decision making (not including LCA tools and related software)
- o Information needs
- o Insights gained

Following these presentations, members of the audience will be allocated among the perspective teams for breakout discussions. Specifics of the agenda are provided below.

Session Agenda

- **Introduction** - **presentation in html / pdf / ppt**
- **Presentations by perspective leaders giving:**
  - o the **management** perspective - presentation in html / pdf / ppt by Larry Weinberg, Boeing
  - o the **product design** perspective - presentation in html / pdf / ppt by by Rich Berstrand, PACCAR
  - o the **process development** perspective - presentation in html / pdf / ppt by Bob Pojasek, Pojasek & Associates
  - o the **regulatory/ policy development** perspective -presentation in html / pdf / ppt by Linc Wehrly, OTAQ
- **Break**
- **Breakout Group Discussion (by perspective) used to respond to:**
  - o Is LCA a part of what was presented?
  - o How would LCA change the perspective?

  Also, for the group discussions, perspective leaders will be joined by LCA practitioners
- **Presentations by breakout groups**