Road mapping

Session Chair: Rodney Anderson, USDOE/NETL
Panel Presenters: Jim Merritt, USDOT/OPS
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Road mapping

Requirements / drivers:

- Joint road mapping session
- Defined timeframe & goals
- Limit focus area
- Market pull driven
- Technology push … Need defined once a technology is developed & matures Identify obstacles & threats
- Too entrenched … Need to see the "forest through the trees".
- Don't over reach … Part of a technology development process. Not the end game.
- Need to commitment to Road mapping process
- Networking … understand mutual needs
- Leverage ideas of others
- Plan at common time & location if possible.

- Translate ideas & concepts into concrete, actionable plans
- Don't have "idea not invented here" syndrome
- Costs / benefits evaluated
- Metrics driven & selection
- Needs to be data driven
- Defined timeline
- How to handle "out of the box ideas"?
- Integrate road maps – interdisciplinary
- Include other areas such as environmental (e.g., EPA)
- Need to know schedules for funding (DOE, DOT, PRCI, etc)

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Tools:

- Trained facilitators
- Map needs / requirements to processes
- Strength-Weakness-Opportunities-Threats analysis
- Risk analysis
- Categorize ideas – vote on priority (set ground rules)
- Gap analysis
- Brainstorming – get "out of box ideas"
- Technology champions