Conclusions – Track A and Panel I

Deborah Shields
USDA Forest Service
We are entering new era of policy revision
Sustainability-based policies
Emphasis on ensuring supply
Dynamic
New policy model, e.g., Eco-Mining
Need for policy
Need for policy coordination and prioritization
Science-based policy
Minerals sector should be pro-active instead of passive on policy issues
Demand for energy and non-energy resources is increasing, leading to:

- Increased exploration and production, but also substitution and recycling
- Potential for depletion of some resources
- Not just a market issue
- Need to reconsider consumption patterns
- Need for exploration
- Need for research on substitution, recycling, efficient use of resources, and new materials
Disconnects

- Dynamic tension between societal need for minerals and the decisions, opinions, choices and directives of civil society and governments.
- Gaps
  - Need to communicate to civil society information about the source of materials
  - Need for governments to provide funding for research and data collection, storage and dissemination.
  - Actions beyond the traditional role of government – building trust and facilitating communication
  - Acting upon feedback
Mine to Market

- Firms learning what their customers want – product characteristics
- Competition between products based on superior environmental and social attributes
- Eco-profiles of materials
- Material stewardship – cradle to grave (or reincarnation)
- Choices
  - Reconsider how products are produced and marketed
  - New and reformulated products
  - Importance of reputation, inter-relationships
Information and Education

- Transparency
- Indicators, but information beyond indicators
- Sharing and facilitating transfer among communities of interest
- Mutual education
- E-learning
- Need for knowledge base
- Need for increased access to information
- Need to share information internally as well as with communities of interest
- Incorporate sustainability into education K-12, university level
Recurring Words – Buzz Words

- Life cycle assessment and MFA
- Carbon-footprint
- Capacity-building (with a new name?)
- Sector governance
- Continuous learning
- Sustainable resource management
- Sustainability models
- Multi-criteria modeling
- New approaches to mine design
- Technological advancements
- Not in my life style
UN Proclaimed International Year of Planet Earth 2007-2009

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