

Carbon Sequestration Leadership Forum



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Stakeholder Workshop

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Stakeholder Perspectives

- Importance of stakeholder involvement
- Promoting technology awareness and information sharing
- Technology transfer to developing countries
- Project recognition – industry viewpoint


Stakeholder Role in CSLF

- Significant support has been expressed for substantive involvement of a broad group of stakeholders in the CSLF
- CSLF will only be successful if supported by a broad coalition of stakeholders

Stakeholder Participation Can Be As Follows:



- Stakeholders are welcome to attend all committee meetings and workshops
- The role for stakeholders can be defined for each meeting on an individual meeting basis
- It is envisioned that opportunity will exist for stakeholders to express their views


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- Stakeholders should cover the expenses associated with participation
 - CSLF members will determine how their stakeholders will participate
 - Limitations can be imposed if practical considerations, i.e., facility/accommodation constraints exist
 - CSLF members are welcome and encouraged to establish stakeholder processes within their jurisdiction


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- Public section of the CSLF website including opportunities for stakeholders to interact (bulletin board)
 - Outreach efforts coordinated by the Secretariat
 - Communication by CSLF members through relevant associations/NGO's, conferences
 - Stakeholders will have dedicated sessions at any future CSLF Ministerial level meeting
 - The Secretariat and other CSLF member representatives can participate in stakeholder briefings
 - The CSLF policy committee will annually evaluate stakeholder participation

Promoting Technology Awareness and Information Sharing



- Public education critical to success
- CSLF should target key opinion leaders
 - Elected and appointed government officials at national, regional, provincial, municipal levels
 - Key community groups
 - Environmental NGO's
 - Educators
 - News Media

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- Information should recognize general apathy of public regarding technical subjects
 - Citizens expect government and industry to “take care” of energy/environmental issues
 - Citizens generally do not relate to risk assessments
 - Communication tools need to be developed that can be used on local, project specific level

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- Stakeholder endorsement of communication tools boosts credibility
 - Openness, transparency in communication processes is critical
 - Generic communication tools can be adapted to national/local level
 - Carbon capture and storage principles can be introduced in high school classes

Technology Development and Transfer

- Developing countries most critical
- Past failures ignore basic issue:
 - “Advanced technologies are less economic than traditional”
- Efforts to address secondary barriers will not succeed unless primary barriers are addressed
- CSLF has unique challenge/opportunity

Investment Requirements in Developing Countries 2001-2030



- \$6 trillion (U.S.) needed
(\$200 billion per year)
- \$600 billion to provide universal access
(\$20 billion per year)

How Much Is This?

- U.S. spending on health care in 2003 - \$1.7 trillion
- Uncollected U.S. taxes - \$250 billion
- Annual revenue for Coke - \$20 billion
- Sales of Lipitor in 2003 - \$9.2 billion
- 1000 MW IGCC plan – \$1.6 billion

New Financial Strategies Are Needed

- Market based concepts of “no subsidies” and “full cost pricing” are not satisfactory
- CC&S projects will not prove economical and will not attract adequate capital on a global comprehensive scale
- Result – no technology deployment to developing countries

Needed Financial Tools



- Direct loans / loan agreements
- Production tax credits
- Direct subsidies
- Capital cost buy down
- Global development bonds

Project Recognition



- Stress recognition – not “endorsement”
- Integrate stakeholder involvement in finalizing criteria
- Relate to regulating principals