



Capacity Building Task Force for Carbon Capture and Storage in Emerging Economies

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Deputy Assistant Secretary
Justin R. Swift
Office of International Affairs and
Chair of the Capacity Building Task Force



Task Force on Capacity Building in Emerging Economies

- Melbourne 2004: capacity building activities first proposed
- Delhi 2006: Capacity Building Workshop approved
- Invitations sent to all six emerging economy Members of the CSLF:
Brazil, China, Colombia, India, Mexico, and South Africa



Objectives of Capacity Building

- ✦ Assist emerging economy Members to develop needed expertise and institutions
- ✦ Develop a set of educational resources all CSLF Members can utilize
- ✦ Transfer lessons from CSLF Projects and other known Carbon Capture and Storage (CCS) Initiatives.



Capacity Building Workshop

- ✿ To be held in Pittsburgh, Pennsylvania, May 7-11
- ✿ 2 ½-day overview course combined with the 2 ½-day 6th Annual Conference on Carbon Capture and Storage (CCS)
- ✿ At the Workshop participants will hear from renowned CCS experts
- ✿ At the Conference participants will hear from individuals developing and managing actual projects
- ✿ The U. S. Department of Energy's National Energy Technology Laboratory (NETL) is providing logistical support to the Workshop.



Emerging Economies Participating in Workshop

Five countries have confirmed participation:

- Brazil
- Colombia
- India
- Mexico
- South Africa

■ China – still awaiting confirmation



Workshop Highlights and Outcomes

- Course syllabus developed to meet emerging economy needs
- Internationally renowned experts will lead the lectures
- Participants will also attend a comprehensive Conference on CCS
- Participants will tour NETL's Carbon Capture and Storage R&D facilities

Goal: Participants will leave with a sound entry level understanding of development and implementation of CCS Projects.



Course Syllabus

- ✓ Overview of Issues and Need for Carbon Management
- ✓ CO2 Storage Capacity and Assessment
- ✓ Risk Management
- ✓ Carbon Capture
- ✓ Measuring, Monitoring, and Verification
- ✓ Stakeholder Involvement
- ✓ Legal/Policy/Regulation in CCS
- ✓ Economics/Costs/Financing CCS Projects



Number of Participants

- ✦ Brazil: 16 confirmed
- ✦ Colombia: 1 confirmed
- ✦ Mexico: 4 confirmed
- ✦ India: 8 confirmed; 2 more to be confirmed
- ✦ South Africa: 11 confirmed



Expenses

- Brazil is paying for all their participants' expenses
- United States is paying for all expenses related to 20 participants from Columbia, India, Mexico, and South Africa
- The U.S. is also paying for all unseen expenses related to the Capacity Building Workshop and the CCS Conference
- Australia is prepared to support expenses for additional participants
- All presenters are absorbing their preparation and travel related expenses pro bono.



Next Steps to be Discussed by Task Force

- Perform “lessons-learned analysis”
- Compile Workshop developed materials as future educational resources
- Explore opportunities for “in-country” capacity building
- Identify resources necessary for future capacity building activities.