



Secretariat Report to Technical Group

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CSLF Secretariat

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Secretariat Report to Technical Group



- **GCCSI/CSLF Project Integration Workshop**
- **CCS Financing Roundtable**
- **Capacity Building Activities**

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**GCCSI/CSLF Project Integration
Workshop
London, U.K.
November 2011**



Global CCS Institute/CSLF Technical Workshop on Project Integration

*London, United Kingdom
November 3, 2011*

- Approximately 50 Attendees
- Interactive discussions Among Participants
- Open Panel Discussions on Key Integration Themes



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- Integrating a Capture Facility into a Host Plant
- Integrating the CCS Chain – Adding Transport and Storage
- A Commercial and Management Perspective

Presentations available at:

<http://cdn.globalccsinstitute.com/sites/default/files/publications/33016/gccsi-cslf-thematic-workshop-ccs-project-integration-final-feb-2012-v2.pdf>

http://www.cslforum.org/meetings/workshops/technical_london2011.html



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Highlights of Workshop Discussions

- First large scale demonstration plants focus on “Making CCS Work at Scale”
- Real innovation was something for “next of a kind” projects
- Importance now is to strike proper “balance between plant operation and integration”



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Highlights of Workshop Discussions

- More work is needed:
 - Plant heat (and cooling) in the CO₂ capture process
 - Integration of environmental control systems (SO_x, NO_x, and CO₂ removal) to maximize efficiency
 - Improvement of options for operational flexibility in conjunction with CCS System reliability
 - Impacts of CO₂ compositions and impurities for CCS operations and transportation systems
 - Identify and understand the “scale-up risks” of CO₂ capture processes



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Highlights of Workshop Discussions

- Key to success:
 - Intensive collaboration and communication (Need for the project team to “be in the same tent”)
 - Identify the risks and rewards in CCUS projects from the start
 - Risk of the private sector and the role of government in de-risking a project
 - Storage is on the critical path – recommend that storage be secured (characterized and permitted) before commencing on a capture FEED study
 - Recommend a portfolio of storage options from the start of the project to help manage risk



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Outcome of Workshop Discussions

- Incorporate information into upcoming events
- Online CCS project management guide
- Focus on commercial and financial issues related to CCS project development
- Study business cases for CCS projects

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CCS Financing Roundtable

Paris, France

January 2012

Report by Richard Lynch, CSLF Secretariat

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South Africa CCS Week Capacity Building Activities

South Africa

October 2011

Report by Tony SurrIDGE, South Africa

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Capacity Building Workshops

Mexico City, Mexico

March 2012

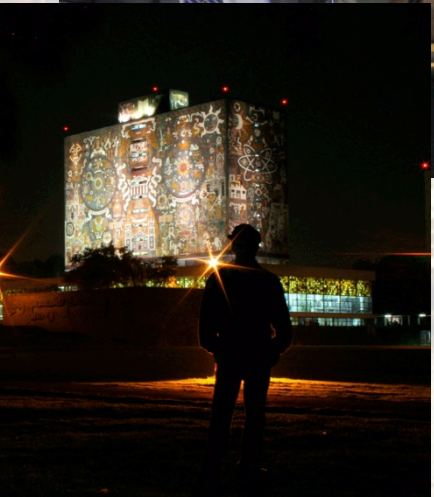
Capacity Building Program Events Held in Mexico



In order to promote interest in the Academic Community, two Capacity Building workshops were carried out at the end of March:

- Geological Storage of CO₂ from March 21 - 23, 2012
- CO₂ Capture on March 28 - 30, 2012

Mexico CO₂ Storage



Mexico CO₂ Capture Workshop



<http://eventos.iingen.unam.mx/CCSworkshops>