

# Coal Breakout Session Planning

GMI Coal Subcommittee Webinar  
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## Overview of Coal Breakout Sessions Held at Past Expos



# 2007 Beijing Expo: Coal Breakout Sessions

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- SESSION 1: Coal Mine Methane Projects and Technologies
  - Part 1: Overview and Technology Case Studies
  - Part 2: Technology Case Studies: Methane Capture, Processing, and Utilization
- SESSION 2: Coal Mine Methane Project Case Studies
- SESSION 3: Policy and Finance Issues: Financing CMM Projects and Addressing Project Financing Risks
  - Panel Discussion 1 - Financing CMM Projects: Overcoming Political and Project Risks
  - Panel Discussion 2 - UNECE Case Studies: Developing Investment Documents for CMM Projects in the Former Soviet Union and Eastern Europe - Lessons Learned
  - Panel Discussion 3 - Roundtable on Policy Issues Affecting CMM Development, including: (1) Formulation of Legal Framework for Concurrent Coal Mining and CBM Recovery, and (2) Policies in Japan and the Effect on the Carbon Business



# 2007 Beijing Expo: Featured Projects

Project Name	Country
Hebi CMM Power Generation Project	China
Jixi CMM Drilling and Power Generation Project Assistance, China	China
Longfeng and Honglin Coal Mine Methane Power Generation Project, China	China
Pingdingshan No. 4 Coal Mine: VAM to Energy Project, China	China
Pingdingshan No. 8 Coal Mine: CMM Drainage and Utilization Project, China	China
Shigang Mine CMM Gas Purification, Liquefaction & Utilization Project, China	China
Shigang Coal Mine VAM Utilization Project, China	China
Shihao Coal Mine VAM Power Generation Project, China	China
CMM Purification & Utilization Project at Songzao Coal Mining Area, China	China
Korba Coalfield CMM Project Opportunity, India	India
Mimosa Mines Power Generation and Flaring Project, Mexico	Mexico
Okpara Mine Power Generation Project Opportunity, Nigeria	Nigeria
CMM Capture and Utilization Project Opportunity at Kirovskya Mine, Ukraine	Ukraine
CMM Capture and Use Project Opportunity at Holodnaya Balka Mine, Ukraine	Ukraine
Modernizing and Expanding of Degasification Activities at Bazhanov Mine, Ukraine	Ukraine
Coal Methane Utilization Project in Kalinina Mine, Donetsk, Ukraine	Ukraine



# 2008 New Delhi Expo: Coal Breakout Sessions

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- SESSION 1: Policies and Regulation Impacting Coal Mine Methane (CMM) Projects
- SESSION 2: Status and Trends in CMM Project Development
- SESSION 3: Policy and Regulation in India
- SESSION 4: Technology Development in the CMM Sector: Rich Gas
- SESSION 5: Technology Development in the CMM Sector: Lean Gas or Ventilation Air Methane (VAM)
- SESSION 6: Best Practices Guidance for CMM Drainage and Utilization



# 2008 New Delhi Expo: Featured Projects

Project Name	Country
CMM Purification & Utilization Project at Songzao Coal Mining Area, China	China
CMM Power Generation Project in Fangzhuang No. 2 Mine	China
CMM Utilization at Hebi Mine No. 6	China
CMM Liquefaction Project at Hezuo Mining Area	China
CMM Power Generation Project at Jiulishan Coal Mine	China
CMM Drainage and Utilization Improvements at Liuzhuang Coal Mine	China
CMM Capture and Utilization Project at Songshutan Coal Mine	China
Tianfu Methane Recovery and Use Project	China
VAM Utilization Project at Xiaodongshan Shaft of Sihe Mine	China
Demonstration Project of Low-Quality CMM Utilization in Yangquan No. 1 Mine	China
Chongqing Datong Coal Mine VAM Destruction and Utilization Project	China
Alashan Methane Recovery and Utilization Project	China
Tkibuli-Shaori Mine CMM Recovery and Utilization	Georgia
CMM Project at Asnapani-Jarangdih Mine	India
CMM/AMM Activities at Bhatdee and Murulidih Collieries	India
CMM/AMM Utilization at Kalidaspur Deep Block	India
CMM Utilization at the Korba Coalfield	India
CMM Electricity Generation at the Moher Sub-Basin in Singrauli Coalfield	India
CMM Project at Mohuda Sub-Basin	India
CMM Project at Moonidih Underground Mine	India

# 2008 New Delhi Expo: Featured Projects (cont'd)

Project Name	Country
VAM Pre-Feasibility Study at Moonidih Underground Mine	India
VAM Project at Muslia Mine	India
CMM/AMM Project Opportunity at the Muslia Unit of the Ghusick Colliery	India
CMM Project at North Kathara Phase I - III & Uchitdih	India
CMM Project at Pootkee-Bulliary Mine	India
CMM Utilization in the Trans Mand Raigarh Coal Basin	India
Expanded Degasification at Kazakhstanshaya Mine	Kazakhstan
CMM Recovery and Utilization at Mimosa Mines	Mexico
Advanced Gob Gas Drainage at Mimosa Mine	Mexico
CMM Project at Kharkhiraa Basin	Mongolia
Power Generation and Heating Project at Nalaikh Mine	Mongolia
Katowice Coal Holding Mines CMM Recovery and Utilization Concept	Poland
Economic Utilization of Methane at the Sosnica-Makoszowy Mine	Poland
Economic Utilization of Methane at The Szczyglowice Coal Mine	Poland
Krupinski Mine CMM Recovery and Utilization by Co-Generation System	Poland
CMM Recovery at Skochinsky Coal Mine	Ukraine
Degasification Modernization and Expansion at Yuzhuo-Donbasskay (South Donbass) No. 3 Mine	Ukraine
Degasification Modernization and CMM Recovery and Utilization at the Stakhanov Mine	Ukraine



## Status of Planning for 2013 Expo Coal Breakout Sessions



# Call for Papers

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- Call for Papers has been posted on the GMI website <http://globalmethane.org/expo/abstracts.html>
- Subjects may include:
  - Conventional methane drainage techniques & end-use markets
  - New and innovative recovery technologies
  - Capture and use of methane from abandoned mines
  - Country-specific profiles and the global market
  - Financing methane mitigation projects
  - Policies and regulatory frameworks for supporting methane mitigation project development
  - Project case studies
  - Methane abatement



# Proposed Structure of Coal Breakout Sessions

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- Policy-Encouraging and Enabling Greater Use of CMM and VAM
- Best Practices - Safe and Effective Capture of CMM and VAM
- Technology-Innovation and Adaption of Technology for Cost-Effective Use of CMM and VAM
- Financing -Carbon Markets, Incentives and Funding Sources



# Committee to Organize Sessions

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- Several well-known professionals have been invited to act as organizer of the technical and policy sessions
- Their responsibilities will be to:
  - Recommend and encourage potential speakers to submit abstracts
  - Review abstracts submitted to GMI for the coal sector and help fill holes in the roster if necessary
  - Chair the session or nominate others to chair part or all of the session



# Poster Sessions

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- A key goal of the Expo is to connect project hosts with technical experts, equipment vendors, technical experts and sources of finance
- Historically accomplished via publication of posters describing the project and perceived needs i.e., investment, technology, expertise, etc.
- Need to identify project hosts that desire help with their project and are willing to submit project information to GMI for publication



# Thank You

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For more information...

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