Methane to Markets

Report from Coal Sector Policy and Technical Sessions: Overview and Outcomes

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Excellent Coal Sector Participation

- Coal mining and CMM-project development companies were key Expo sponsors
- High levels of participation during technical sessions
  - Up to 200 participants attended
  - Representatives and speakers included:
    - Governments
    - Coal mines
    - Financiers/Project developers
    - Technology vendors
    - Academics/Consultants
- Robust discussions following presentations
Coal Sector Project Opportunity Displays

- 20 CMM project opportunities showcased, representing:
  - China (10), India (2), Mexico (1), Nigeria (2), Russia (2), and Ukraine (3)
- Projects to utilize ventilation air methane, pre-mine drainage, and gob well gas
- End uses include power generation, LNG, town gas, and heating
- Total avoided methane emissions: ~8.8 million TCO$_2$e
- Total electricity production: ~71 MW
Diverse Presentation Topics Addressed

- Overviews of CMM project opportunities
- Examples of cutting-edge end-use, drilling, and recovery technologies
- Case studies of ongoing projects in China, Europe, U.S., and Australia
- Discussions of policy barriers to project implementation
- Perspectives of financial institutions
- Descriptions of country-specific project development and lessons learned
Emerging Themes: Keys to Successful CMM Projects

- Technologies for drilling, recovering, and utilizing CMM continue to advance
- Integrated project management is critical
- Country-specific data and approach are imperative
  - Need to better understand regulatory barriers and incentives
- Financing CMM projects remains challenging
  - Great uncertainty in post-2012 carbon markets
  - Funding opportunities abound but availability of quality, vetted projects is a limiting factor
Coal Sector Summary

- The Expo provided a valuable forum for:
  - Showcasing potential CMM projects around the world
  - Networking opportunities for public-private interactions
  - Discussions and sharing of experiences

- All in all, a great success!