



# Methane to Markets

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

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# *Excellent Coal Sector Participation*

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- 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

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- 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<sub>2</sub>e
- Total electricity production: ~71 MW

# *Diverse Presentation Topics Addressed*

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- 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*

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- 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*

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- 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!