

# India Methane to Markets Coal Mine Methane Activities



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**U.S.-India Energy Dialogue**  
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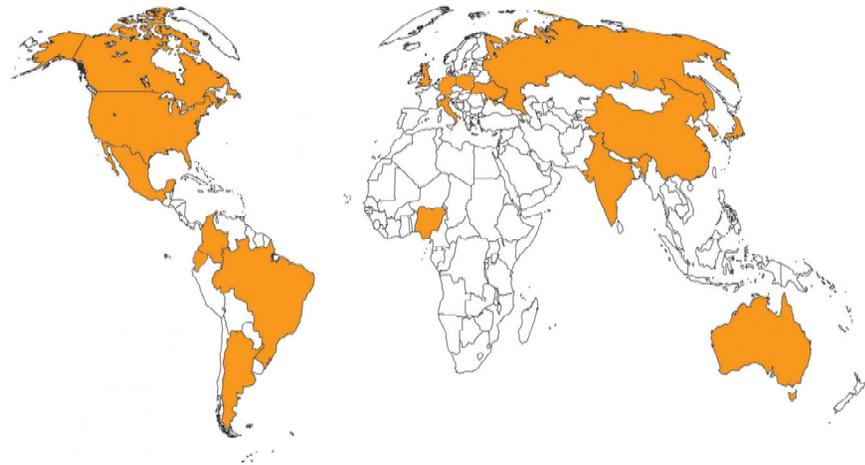


# Methane to Markets Partnership

- Encourages development of **cost-effective** methane recovery and use opportunities in
  - coal mines
  - landfills
  - oil and gas systems and
  - agriculture (manure waste management)
- Private companies, multilateral development banks and other relevant organizations participate by joining the **Project Network – over 650 organizations now participating**
- 27 Partner Governments

Argentina  
Australia  
Brazil  
Canada  
Colombia  
China  
European Comm.  
Ecuador  
Finland\*  
Germany  
India  
Italy  
Japan

Kazakhstan\*  
Korea  
Mexico  
Mongolia\*  
Nigeria  
Pakistan\*  
Philippines\*  
Poland  
Russia  
Thailand\*  
Ukraine  
United Kingc  
United State:  
Vietnam



\*New countries that have recently joined as Partners

# *Methane to Markets Activities in India*



- **Goals / objectives**

Provide assistance for:

- Coal Mine Methane (CMM) policy, legal and regulatory development
- CMM Clearinghouse
- Ventilation Air Methane (VAM) and CMM resource assessment
- Capacity building and technology transfer



# *Methane to Markets Activities in India*



## **Recent activities**

- India Coal Mine/Coalbed Methane Clearinghouse established at Central Mine Planning and Design Institute
- Clearinghouse will become in-country source of expertise for project developers, investors, and technology vendors
- CMM Clearinghouse kick-off event in Ranchi, November 2008 – sponsored by US Trade & Development Agency
- Site visit to UNDP/GEF CMM project at Moonidih mine



# CMOP Clearinghouse Concept

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- USEPA helped establish Clearinghouses in China, Russia, Ukraine and India
- Clearinghouses provide a vital resource for the coal community
- Clearinghouse activities:
  - Analysis and technical reports
  - CMM/CBM project database
  - Training/workshops
  - Study tours
  - Website
  - Newsletter





## **US EPA awarded grants**

- Southern Illinois University: quantify VAM emissions from two underground coal mines (Moonidih and Sudamdih)
- Central Institute of Mining and Fuel Research: Feasibility Study for Recovery and Utilization of Coal Mine Methane in Jharia, Bokaro and Raniganj Coalfields in India





**Methane to Markets Partnership Expo**  
New Delhi, India • 2–5 March 2010

# Methane to Markets Partnership Expo

2 – 5 March 2010

New Delhi, India

Taj Palace Hotel



सत्यमेव जयते



**FICCI**

Federation of Indian Chambers  
of Commerce and Industry





## **Methane to Markets Partnership Expo** New Delhi, India • 2–5 March 2010

### **Call for Projects**

- **Templates due 15 November 2009.**



### **Call For Presentations**

- **One-page abstracts due 30 October 2009.**



# M2M Expo Sponsorship & Exhibit Opportunities

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- Sponsorship
  - Clarke Energy (Platinum)
  - Oil and Natural Gas Corporation (Grand Opening Reception)
  - Coal India Limited (Platinum)
  
- Plenary Assistance/Travel Support
  - Asian Development Bank
  - World Bank
  
- Additional sponsorship/exhibit opportunities available
  
- Partners receive free country booths



# For more information, please contact us!

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Dedicated Expo Web site:

[www.methanetomarkets.org/expo](http://www.methanetomarkets.org/expo)

Methane to Markets'

[asg@methanetomarkets.org](mailto:asg@methanetomarkets.org)

[www.epa.gov/coalbed](http://www.epa.gov/coalbed)

