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## Mongolia Coal Mine Methane Recovery and Utilization

June 18, 2014

Ministry of Mining, Ulaanbaatar, Mongolia

Time	Topic	Speaker
8:00	Welcoming Remarks	Minister of Mining D.Gankhuyag
8:05	United States Environmental Protection Agency (USEPA) Welcome	Ms. Felicia Ruiz, USEPA
<b>Review of EPA Work in Mongolia to Date:</b>		
8:15	USEPA and the Global Methane Initiative (GMI) in Mongolia and the Region	Ms. Felicia Ruiz, USEPA
8:45	Report on GMI Cooperative Agreement: CMM Resource Assessment and Inventory in Mongolia a. The results of Coal Mine Methane (CMM) resources assessment in coal basin of Mongolia b. CMM emission inventory and use of methane as clean energy for Mongolia	Dr. M. Badarch, Mongolian Nature and Environment Consortium (MNEC); Dr. Tulga, National Consultant; Prof. Namkhainyam, University of Sciences and Technologies, Mongolia
9:45	<i>Refreshment Break</i>	
<b>Mongolia Coal Industry Roundtable and Policy Discussion:</b>		
10:00	Technical Needs, Policy Barriers, Financial Needs for CMM/CBM Development Speakers: O. Enkhbayar (Oil Authority) T. Buyanbat (Mineral Resources Authority)	Moderator: Bat-Orgil (Fuel Policy Division, Ministry of Mining)
11:00	Global Policy Overview (in general, covers scope of <i>Legal and Regulatory Status of CMM Ownership in Key Countries: An Overview Provided for Decision Makers in Mongolia</i> )	Charlee Boger, Environmental Scientist, Raven Ridge Resources, Incorporated
11:30	Mongolian Perspective on CMM and CBM Ownership, Progress to Date, and Moving Forward	D. Tserennorov (Secretary of Working Group)
12:00	<i>Lunch Break</i>	
<b>What Makes a Successful CMM Project:</b>		
1:00	Discussion of USEPA/GMI Feasibility and Prefeasibility Studies: Songzao, Naryn Sukhait, and Baganuur	Raymond C. Pilcher, President, Raven Ridge Resources, Incorporated
1:30	Electricity Supply of Naryn Sukhait Coal Mine using Coalbed Methane	J.Zoljargal, Director, Energy and Chemicals, MAK
2:00	An Engineering Perspective on Jincheng Anthracite Mining Group's CMM Utilization Projects as a Potential Development Model for Mongolia	Magsar Bazarragchaa, Senior Project Engineer, MAK
2:30	Panel Discussion: Elements of CMM Projects: Exploration > Pilot Testing Program > Productive Policy and Legal Environment > Production of CMM	Moderator: Graeme Hancock, President and Chief Representative at Anglo American, Mongolia
3:00	<i>Refreshment Break</i>	
<b>Looking Forward:</b>		
3:15	Government Perspective on Future Policies	D. Altanchimeg, Ministry of Energy
3:45	Capacity Building	United Nations Development Programme or other organization
4:15	Panel Discussion: Future Outlook for CMM Recovery and Utilization in Mongolia, Next Steps, Financing, and Technical Assistance Options Moving Forward	Moderator: Dr. M. Badarch, MNEC with discussion from Spike Hosch, XAC Bank
4:45	Concluding Remarks	Ms. Felicia Ruiz, USEPA
5:00	<i>Adjourn</i>	