



Methane to Markets

Methane to Markets Program
Partnership Expo

Report from Policy and Technical Sessions – Oil & Gas

November 1, 2007

Oil and Gas Subcommittee Sessions – Summary

- Presented by Committee Co-Chairs:
 - Javier Bocanegra of PEMEX
 - Kaplan Basniev of Gubkin Russian State University
- And Vice Chair:
 - Michael Layer of Environment Canada

Session 1- Oil and Gas Profile in China

- Committed to energy efficiency and operational excellence
- Policy and practices are designed to encourage sustainable principles
- Eager to cooperate with outside parties such as Methane to Markets and other internationally recognized programs

Session 2 – Policy, Regulatory Issues and Climate Change

- The issue has shifted from a bottom line environmental risk to a top line business opportunity
 - Improve reputational value
 - Stakeholder communications
- Creation of carbon markets
- Emissions reductions project should be designed to meet established reporting protocols to include certification requirements

Session 3 – Natural Gas Compression and Methane Leak Detection

- Technology being implemented for the identification and quantification of methane emissions
- Promising technologies for on-going emissions monitoring; GOSAT and ANGEL
- On-going Methane to Market deliverables:
 - DI&M Protocol
 - *NODAL Analysis (software)*

Session 4 – Upstream Production: Oil and Gas Wells

- Clean or “Green” well completion
 - Limited applicability/Significant emissions reduction potential
- Vapor recovery
 - Wide scale application/Significant emissions reduction potential
- Significant opportunity to increase sales of oil and gas.
- Additional revenue streams through carbon trading and CDM/JI

Session 5 – Processing, Transmission, and Distribution

- CNPC M2M Project
- Robust emission inventory programs require corporate policy and support infrastructure; Environmental Management Information Systems
- Demonstrate reduction for real time monitoring and reporting

Session 6 – Unconventional Gas Production and Utilization

- Projected natural gas demand increases:
 - Conserve conventional supply
 - Look to economical and “green” technologies to produce unconventional supply
- Leverage lessons learned through Methane to Markets, international forums and academia to ensure that conventional supplies are used wisely

Thank you
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