



# Oil and Natural Gas Technology Transfer Workshop and Plant Tour

April 25–27, 2006  
9:00 am–5:00 pm

Camino Real  
Villahermosa Hotel

Villahermosa, Mexico

This workshop will explain proven and economical ways to reduce methane emissions, a potent greenhouse gas, from oil and natural gas operations. Presentations include examples from real projects proven to save methane and increase profits. Registration is complimentary and includes workshop materials, refreshments and lunch.



## DAY 1—TUESDAY, APRIL 25, 2006

### The Methane to Markets Partnership

Overview and update on the Methane to Markets mission, and recent accomplishments.

### Reducing Methane Emissions: PEMEX and Methane to Markets

PEMEX will share experiences and benefits from voluntary methane emissions reductions in exploration and production, processing, and transmission.

### Opportunities for Methane Emissions Reductions in Natural Gas Production

Explanation of methods used to minimize product loss from natural gas wells. The discussion will include two methods: (1) measures to remove sand, cuttings, and liquid during well completion while minimizing gas loss to the atmosphere and (2) smart well automation using artificial lift technology such as plunger lifts.

### Reducing Methane Emissions with Vapor Recovery on Storage Tanks

Experiences and lessons learned from installing conventional, eductor, and ejector vapor recovery units.

### Directed Inspection & Maintenance and Infrared Leak Imaging

Detailed review of implementing a directed inspection & maintenance program to detect, measure, prioritize, and repair process leaks. Emphasis will be placed on infrared imaging applications.

### Processing Best Practices

Discussion of large methane emissions sources from gas gathering and processing, including mitigation options that often pay back the investment in 1 to 5 years. Equipment covered will include gas dehydrators, acid gas removal units, and pneumatic controllers.

### Compressor Best Practices

Discussion of technical and economic approaches to reduce emissions from reciprocating and centrifugal compressors. Maintenance, operating practices, and equipment selection can reduce costs and methane emissions.

### Pipeline Maintenance and Repair

Account of company experiences that have minimized product loss from routine pipeline maintenance. Discuss how more methane can be kept in the pipeline through pipeline pumpdown techniques and hot tapping.

## DAY 2—WEDNESDAY, APRIL 26, 2006

### Plant Tour

A one-day tour of PEMEX's Oil and Gas facility to provide a hands-on perspective of economic technologies and practices to keep more methane in the pipeline instead of the atmosphere.

## OIL AND NATURAL GAS TECHNOLOGY TRANSFER WORKSHOP—3 DAY PROGRAM

**Tuesday, April 25, 2006**

**Technology Transfer Workshop**—The Methane to Markets Oil & Gas Workshops strive to provide industry with the necessary tools and resources to evaluate, implement and achieve profitable methane emission reductions. In Mexico, join us to learn from oil and gas experts how to achieve economical methane emission reductions in your operations. Presentations will be shared to provide you with specific examples from actual projects proven to save methane, reduce greenhouse gas emissions, and increase profits. Each topic identifies a major source of methane losses, options for capturing the loss, and economic results with sufficient detail to allow you to conduct a feasibility assessment.

**Wednesday, April 26, 2006**

**Plant Tour**—A one-day tour of PEMEX's Oil and Gas facilities will provide a hands-on perspective on cost effective technologies and practices to reduce methane emission losses. The tour will begin at 9:00 departing to the Nuevo Pemex Gas Processing Complex. Once on site, you will hear presentations on the gas processing infrastructure of PEMEX and a tour of the Nuevo Pemex Gas Processing Complex. After a PEMEX sponsored lunch, the tour will continue with a visit to the Cardenas Pipeline Sector Facilities and return back to the hotel.



**Thursday, April 27, 2006**

**Methane to Markets Oil and Gas Subcommittee Meeting**—The Methane to Markets Oil and Gas Subcommittee, represented by the 17 member countries, is responsible for guiding the oil and gas sector activities and engaging all representatives of the private, public and non-governmental arenas in those activities.

*All are welcome to attend the Subcommittee meeting. Please register on the website listed below.*

### REGISTRATION AND INFORMATION

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

**CLICK** "conferences and events"

**CLICK** the event "Oil and Gas Technology Transfer Workshop"

**CLICK** the word "register"

**SCROLL** down to the box "Participation" and

**CHECK** which events you plan to attend:

*Workshop • Plant Tour • Subcommittee Meeting*

For hotel reservations, please complete the **Hotel Section** on the registration form on the web site. Our group room rate is 1,158 pesos per night including tax and breakfast buffet. Reservations will be made as requested at: **Camino Real Villahermosa Hotel** • Prolongación Paseo Tabasco 2000 • Villahermosa, Tabasco CP 86030 • Rocio Cervantes Ejecutiva de Ventas



For questions, contact **Roger Fernandez**,  
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The Methane to Markets Partnership is an action-oriented initiative that will reduce global methane emissions to enhance economic growth, promote energy security, improve the environment, and reduce greenhouse gases. Other benefits include improving mine safety, reducing waste, and improving local air quality. The initiative focuses on cost-effective, near-term methane recovery and use as a clean energy source. It will be done internationally through collaboration between developed countries, developing countries, and countries with economies in transition—together with strong participation from the private sector. The Methane to Markets Partnership initially targets three major methane sources: landfills, underground coal mines, natural gas and oil systems, and agriculture (animal waste management).

