



Methane to Markets

Administrative Support Group Update

**Landfill Subcommittee Meeting
Cuenca, Ecuador
29 November 2006**

Henry Ferland, Director

Administrative Support Group (ASG)

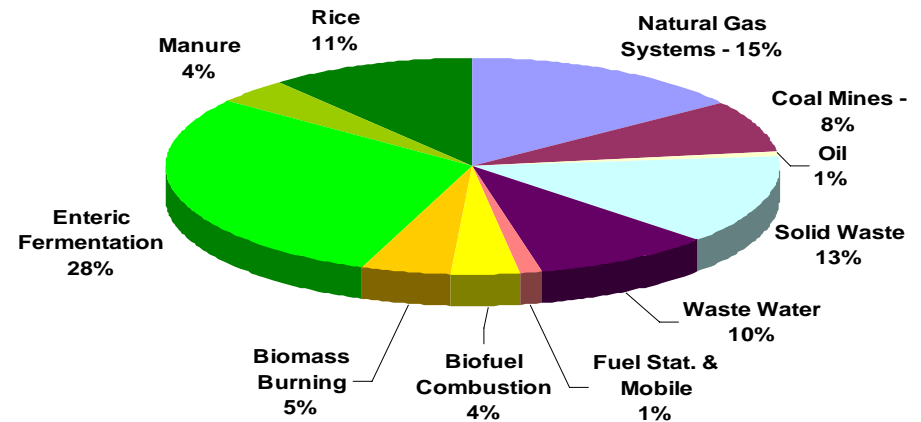
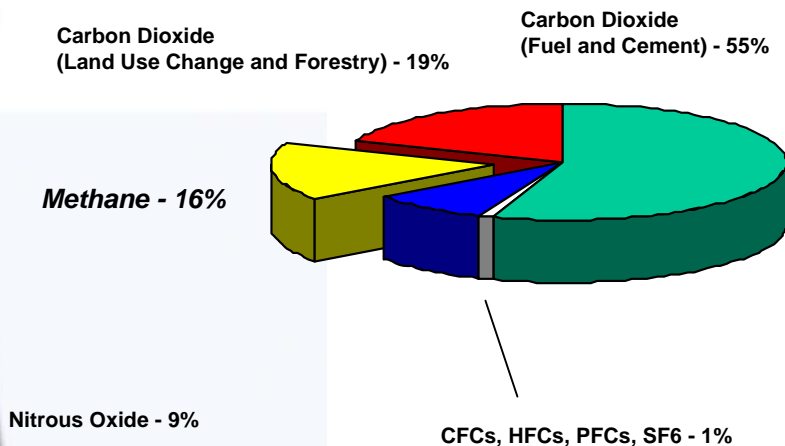
Overview

- Partnership Overview and Update
- Partnership Expo Planning and Next Steps
 - Skeleton Agenda
 - Role for Subcommittee
- Project Tracking System Implementation
- Steering Committee Meeting and Other upcoming M2M Events
- Other Announcements

Why focus on Methane?

- ✓ A potent GHG (100-year GWP of 23; atmospheric lifetime of ~12 years)
- ✓ The 2nd most important GHG accounting for ~18% of total climate forcing
- ✓ A primary constituent of natural gas and a valuable, clean-burning energy source

Global Greenhouse Gas (GHG) Emissions in 2000 = 40,702 MtCO₂e



Cost-Effective Projects Recover and Use Methane

Coal Mines



Oil and Gas Systems



Landfills



Livestock Waste

Significant Co-benefits of Methane Recovery and Use Projects

- Important local energy source and reduced waste of a valuable fuel
- Improved industrial safety and productivity
- Improved air quality, water quality and reduced odors
- Reduced greenhouse gas emissions
- Progress toward sustainable development goals
- Economic growth and energy security

Methane to Markets Partnership Overview

- Advances recovery and use of methane as a valuable clean energy source
- 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 350 organizations now participating*

- 18 Partner Countries

Argentina	Italy
Australia	Japan
Brazil	Korea
Canada	Mexico
Colombia	Nigeria
China	Russia
Ecuador	Ukraine
Germany	United Kingdom
India	United States



Partnership Expo: A Forum for Projects, Technology, Financing, and Policy

- **Event Goals**
 - Showcase specific CMM projects for investors to consider
 - Showcase methane capture and use technologies and services
 - Dialogue on the key technical, policy, financing, and regulatory issues related to project development in each sector
 - Showcase accomplishments under M2M

- **China World Hotel, Beijing, China Oct 29 – Nov 1**
 - Expo Website in Development:
 - www.methanetomarkets.org/expo

- **Next Steps**
 - Expo Taskforce and ASG developing outreach materials including brochure, powerpoint/marketing template presentation
 - Sponsorship Drive – January, 2007
 - Additional info on Expo Website

Partnership Expo Skeleton Agenda – DRAFT

- Day 1
 - Morning : Training Workshops / Booth Set Up
 - Afternoon: Opening Plenary (Ministers and/or High level policy makers give country statements accomplishments etc...) – potential press announcement etc...
 - Evening: Opening Ceremony of Exhibit Hall by high level country representatives and press announcements by PN members
- Day 2
 - Morning Plenary –Cross Cutting Issues
 - Finance
 - Other?
 - Afternoon: Begin Sector Specific Policy and Technical Session
 - Steering Committee meets concurrently
- Day 3
 - All day: Sector Specific Policy and Technical Session
- Day 4
 - Morning: Closely Plenary
 - Report out from Sector Sessions
 - Report out from Steering Committee on Key Decisions and Charge to Subcommittees
 - Morning – Early Afternoon: Working Meetings of Subcommittees

Expo Organization - DRAFT

- Each country to receive 1 complementary booth to be utilized as you wish e.g.
 - Highlight project opportunities
 - Technologies
 - Accomplishments
- Large corridor / booth dedicated to Landfill Project Opportunities
 - High quality project opportunities can be highlighted between sessions
 - Site managers / project developers can be encouraged to attend and promote their project to financiers etc..
- Sponsorship fees calibrated to cover some attendees free of charge
 - Developing country reps
 - Project site managers and others with limited resources for travel
 - Subcommittees will have input on which attendees will be sponsored

Partnership Expo: Charge to Subcommittees

- **Actively identify, solicit, and promote projects to feature at the Expo**
- **Utilize on-line submission form/ database for projects to be featured at the Expo and Develop Guidance for Project Submissions to Expo to ensure high quality projects**
 - **Landfill Subcommittee has already developed template for additional information on Project Submissions**
 - **ASG will incorporate into Tracking System**
- **Provide country specific input for new Methane to Markets Accomplishment report to be prepared in time for Expo**

Next Steps for the Subcommittee

- Continue Landfill Subcommittee Participation in Expo Taskforce
 - Suggest cross cutting elements for plenary / training sessions
- Develop Sector Specific Conference Track ~1.5 days
- Market the Expo to Landfill Sector Technology Providers, Project developers etc... and encourage sponsorship
- Continue to develop project opportunities to showcase

On-Line Tracking System

- Goals
 - Project Ideas matching with developers
 - Tracking Ongoing Methane to Markets Activities
 - ***Tracking projects and activities to highlight in the Project Expo 2007***

- Updated Word form for inputting project ideas available at www.methanetomarkets.org/projects/submit-ideas.htm
 - Hardcopies available here

- Fully functional online system to be launched prior to December Steering Committee meeting
 - Plan to implement with training sessions via webcasts
 - ASG to conduct outreach on how and why to use the system
 - Encourage countries and PN members to include all methane project related activities
 - Will allow us to track the impact of the Partnership on project development, capacity building etc...
 - Will enable a comprehensive review of Partnership progress

M2M Steering Committee Meeting – Dec 15, Rome, Italy - Agenda

- Rules for accepting New Members to the Steering Committee
- Updates on Partnership Expo Planning and Recommendations
 - Discussion on whether Expo should be Ministerial-level meeting
- Tracking system and reporting on progress
 - Methane to Markets accomplishments report in 2007
 - Utilize tracking system inputs – ASG to develop
- Progress reports from Subcommittee Co-Chairs
 - Overview of Action Plan and Progress
 - Progress on planning Partnership Expo including any obstacles identified
 - Suggested topics for cross cutting issues at Partnership Expo
 - Anticipated marketing and outreach efforts to coal community.
 - Dates and location of next landfill subcommittee meeting
 - April or May 2007 (to plan for Expo)

U.S EPA Grant Solicitation

- U.S. EPA Grant for M2M Projects for up to \$2.5 M over 3 years (Governments and Non-profits eligible)
 - Request for proposals issued for project funding in FY07
 - Deadline for proposals – January 3rd, 2007
 - All information available on USEPA Methane to Markets site: www.epa.gov/methanetomarkets/grants.htm
 - If interested in submitting a landfill proposal – talk with Brian Guzzone prior to submitting, to discuss project idea

Other Announcements

- US Accomplishments report now available in hardcopy or via www.epa.gov/methanetomarkets
 - Copies available here
- Translated outreach materials available on website
 - Russian, Spanish, Chinese
 - High resolution pdf files also available
 - We have disks with all outreach materials here
- We are working on next edition of Methane International
 - Input requested from Partners and PN members by December 30th, 2006

More Efficient ASG Structure

- 2 EPA Staff Leading Efforts
 - Mr. Henry Ferland: Landfill and Oil and Gas Subcommittees
 - Ms. Erin Birgfeld: Coal and Agriculture Subcommittees
 - Shared responsibility for Steering Committee and Project Expo Planning
- ERG Consulting Providing Dedicated Staff to Each Subcommittee
 - Landfill Representative is Ms. Amanda Singleton

For More Information

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 - www.methanetomarkets.org

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