Supporting Capacity Building for Methane Reduction through the Global Methane Initiative Initiative.

Global Methane Initiative Coal Subcommittee Meeting
Geneva, Switzerland
24 September 2018
Global Methane Initiative

• International public-private initiative advancing cost-effective, near-term methane abatement and recovery, and use of methane as a clean energy source

• Sectors of Focus: biogas (including agriculture, municipal solid waste, and wastewater), coal mines, and oil and gas

• Reduce informational, institutional, and market barriers to project development by providing tools, training and capacity building, conducting technology demonstrations, and offering technical support

• Emphasis on engaging a range of stakeholders, including governments, financial institutions, project developers, technology providers, and others
Capacity Building for Methane Reduction: Initial Approach

• Initially, our approach focused on developing national-level, cross-sectoral strategies in two countries
• Early engagement revealed a variety of challenges
• Re-focused efforts on sector-specific capacity building activities in three countries
• Project runs through December 2019

GMI Country Partners:
• China
• India
• Mexico
Capacity Building for Methane Reduction: Project Objectives and Approach

• Facilitate investment in successful methane project development within partner countries:
  ▪ Engaging diverse stakeholders, both within and beyond the GMI network, at national and/or state/municipal level, as appropriate
  ▪ Conducting and/or synthesizing stakeholder dialog sessions
  ▪ Documenting identified gaps or needs and approaches
  ▪ Strengthening institutional capacity via technical workshops, development or customization of tools, identification of potential future project opportunities, etc.
  ▪ Fostering public-private partnerships
Capacity Building for Methane Reduction: Expected Results

• Increase coordination among relevant stakeholders across public and private sectors

• Identify potentially successful project opportunities, and increase capacity of relevant institutions to increase investment in and implementation of methane mitigation projects in partner countries

• Increase coordination and capacity of relevant institutions to develop appropriate policies or frameworks in partner countries to serve as foundational steps for developing methane mitigation strategies

• Promote information sharing

• Contribute to decreased methane emissions
Capacity Building for Methane Reduction: Mexico

- Near-term focus in oil and gas sector
- Guidelines for the prevention and integral control of methane emissions from hydrocarbon sector
- Interest in exploring complementary implementation planning
- Initial stakeholders include SENER, SEMARNAT, PEMEX
- MRV workshop planning

Structures used to process oil at Mexican state-owned petroleum company PEMEX refinery in Tula, Hidalgo state, Mexico
Capacity Building for Methane Reduction: India

• Near-term focus in biogas sector

• Leveraging existing efforts on brainstorming towards a framework on national biogas strategy; complementing other national initiatives

• Initial stakeholders include MNRE, TERI, IIT, SCGJ, MPNG, various project developers

• September 2018 trip – explored options related to tracking and mapping biogas projects, trainings for operators, and marketing needs
Capacity Building for Methane Reduction: China

- Starting to explore priorities and areas of interest
- Interest in focusing on coal sector
- Hoping to visit China with EPA in coming months to further explore capacity building needs and engage in strategic planning for how this project may assist
- Interest in hearing from you on potential areas of interest and priority needs
Thank You!

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