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

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# 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

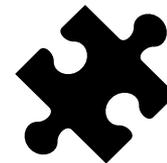
- Initially, our approach focused on developing national-level, cross-sectoral strategies in two countries
- Early engagement revealed a variety of challenges
- Re-focused efforts on sector-specific capacity building activities in three countries
- Project runs through December 2019

## 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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