Conducted Prefeasibility Studies

- Methane Drainage and Utilization at the TengHui Coal Mine, Shanxi Province, China
  - Part of an integrated Best Practices training program for the China ICE-CMM

- Methane Drainage and Utilization at the Casa Blanca Coal Mine, Colombia
  - One of the largest mining complexes in the country
  - Completed to determine the feasibility of a CMM capture and utilization project

- Methane Drainage and Utilization at the Pootkee Colliery, Damodar Valley, Jharkhand State, Dhanbad District, India
Completed Coal Mine Methane Market Studies

- Completed two CMM Market Studies in 2019
  - India
  - Colombia

- The studies provide an overview of each country’s energy markets and:
  - Summarize current CMM and CBM projects and CMM emissions
  - Identify opportunities for CMM utilization and emissions reduction projects
  - Outline challenges and benefits of implementing CMM and CBM projects
Updated GMI Country Profiles

- Comprehensive profiles that characterize the coal and coal mine methane sectors

- Contain summary tables that include statistics on:
  - Coal reserves
  - Coal production
  - Methane emissions
  - CMM project activity

- Profiles were recently updated for 7 countries and will be posted on the GMI website soon
Prepared Reports Analyzing CMM Ownership, Legal Status

- Status of CMM Ownership and Policy Incentives in Key Countries
  - Presents case studies about building capacity, developing strategies and markets, and removing barriers for CMM recovery and utilization projects

- Legal and Regulatory Status of AMM in Selected Countries
  - Presents case studies on countries that have an enabling environment for AMM recovery and utilization projects

- Supported by US EPA under the auspices of GMI
CMM Project Development Online Course

- Introduces principles for assessing the potential of developing projects to capture and/or use CMM.
- Course will benefit project developers, mining company personnel, governmental officials, or other 3rd parties.
- 8 modules under development and expected to be released in early 2020.

Are You Ready to Initiate a Pre-feasibility Study?

Answer these questions to clarify the objectives and scope of the study:

- Is it a pre-feasibility or full feasibility study?
- Is it at one mine or multiple mines?
- What are the expected outputs of the study?
Workshop and Event Participation

- Delivered CMM workshops in India and Colombia
- Contributed to Best Practice workshops/panels in Ukraine, Poland, and Turkey
- Also participated in:
  - Greenhouse Gas Control Technologies-14
  - 18th International CBM/CMM Symposium in China
  - North American Coalbed Methane Forum
  - International Pittsburgh Coal Conference
Report on Expert Dialogue on VAM

- Summarizes discussion from the Export Dialogue on VAM held in Melbourne, Australia in October 2018
- Explores the technical, market and policy barriers that are inhibiting VAM project implementation
- Provides details on achievable tasks/action items to help eliminate barriers to increase VAM project development
- Update from Clark Talkington, ARI
Thank you!

Co-Chairs, Coal Mines Subcommittee
Global Methane Initiative