Coal Subcommittee
Co-Chair Report

3 June 2015
Bogotá, Colombia
Updated CMM Country Profiles

- Individual, comprehensive profiles that characterize coal and CMM sectors of 37 countries
  - 29 GMI partners
  - Additional 8 coal-producing nations
- Executive Summary provides summary tables that include statistics on coal reserves, coal production, methane emissions, and CMM project activity
- Profiles updated as of June 2015 and are LIVE at: http://epa.gov/cmop/international/cmm-country-profiles.html

Coal Mine Methane Country Profiles

This is the third edition of the Coal Mine Methane Country Profiles (formerly the Coal Mine Methane Global Overview), updated in December 2010. This document contains individual, comprehensive profiles that characterize the coal and coal mine methane sectors of 37 countries—29 Global Methane Initiative partners and an additional eight coal-producing nations. The Executive Summary provides summary tables that include statistics on coal reserves, coal production, methane emissions, and CMM project activity.

An International Coal Mine Methane Projects Database accompanies this document. It contains detailed and comprehensive information on more than 200 CMM recovery and utilization projects around the world. Project information in the database is updated regularly.

This document will be updated annually. Suggestions for updates and revisions can be submitted to the Administrative Support Group and will be incorporated into the document as appropriate.

You will need Adobe Acrobat Reader, available as a free download, to view some of the files on this page. See the PDF page to learn more about PDF and for a link to the free Acrobat Reader.

Complete document (PDF, 342 pp, 5.8 MB)
- Chapter 1: Executive Summary, and Introduction (PDF, 29 pp, 417 KB)
- Chapter 2: Australia (PDF, 7 pp, 144 KB)
- Chapter 3: Belgium (PDF, 9 pp, 133 KB)
- Chapter 4: Brazil (PDF, 9 pp, 175 KB)
- Chapter 5: Bulgaria (PDF, 9 pp, 127 KB)
- Chapter 6: Canada (PDF, 14 pp, 419 KB)
- Chapter 7: China (PDF, 12 pp, 239 KB)
- Chapter 8: Colombia (PDF, 9 pp, 240 KB)
- Chapter 9: Czech Republic (PDF, 6 pp, 320 KB)
- Chapter 10: Ecuador (PDF, 4 pp, 147 KB)
- Chapter 11: Finland (PDF, 9 pp, 117 KB)
- Chapter 12: France (PDF, 5 pp, 129 KB)
- Chapter 13: Georgia (PDF, 6 pp, 216 KB)
- Chapter 14: Germany (PDF, 8 pp, 258 KB)
- Chapter 15: Hungary (PDF, 7 pp, 217 KB)
- Chapter 16: India (PDF, 12 pp, 207 KB)
- Chapter 17: Indonesia (PDF, 9 pp, 309 KB)
- Chapter 18: Italy (PDF, 7 pp, 160 KB)
- Chapter 19: Japan (PDF, 5 pp, 192 KB)
- Chapter 20: Kazakhstan (PDF, 5 pp, 217 KB)
- Chapter 21: Mexico (PDF, 11 pp, 220 KB)
- Chapter 22: Mongolia (PDF, 11 pp, 219 KB)
- Chapter 23: New Zealand (PDF, 7 pp, 173 KB)
- Chapter 24: Nigeria (PDF, 7 pp, 177 KB)
- Chapter 25: Pakistan (PDF, 7 pp, 169 KB)
- Chapter 26: Philippines (PDF, 8 pp, 236 KB)
- Chapter 27: Poland (PDF, 8 pp, 231 KB)
- Chapter 28: Republic of Korea (PDF, 7 pp, 307 KB)
- Chapter 29: Romania (PDF, 8 pp, 324 KB)
- Chapter 30: Russia (PDF, 11 pp, 275 KB)
- Chapter 31: South Africa (PDF, 12 pp, 235 KB)
- Chapter 32: Spain (PDF, 6 pp, 152 KB)
- Chapter 33: Turkey (PDF, 5 pp, 221 KB)
- Chapter 34: Ukraine (PDF, 11 pp, 223 KB)
- Chapter 35: United Kingdom (PDF, 14 pp, 352 KB)
- Chapter 36: United States (PDF, 15 pp, 425 KB)
- Chapter 37: Vietnam (PDF, 5 pp, 151 KB)*

* Global Methane Initiative member country
CMM Technology Database

- Originally compiled in 2008 by Australia's Department of Industry, Tourism and Resources, on behalf of GMI
- Updated and revised in November, 2011 by USEPA
- Provides basic descriptions of several key technologies applicable to CMM recovery and utilization
  - Current status
  - Commercial availability
  - Company information
- Intended to be a living document, updated periodically (last update in October 2014)
- Please send updates/revisions to Ruiz.Felicia@epa.gov


www.globalmethane.org
International CMM Project Database

- Developed by USEPA in 2005 and updated regularly
- **Updates and QA/QC in 2014**
- Intend to gradually transform data and functionality to the new GMI site map
- Information on over 200 CMM recovery and utilization projects
- Coal Subcommittee encourages anyone with project knowledge to submit a project or additional information on already listed projects

[https://www.globalmethane.org/coal-mines/cmm](https://www.globalmethane.org/coal-mines/cmm)
Coal Subcommittee Action Plan

- Intended to be a living document, updated on an ongoing basis to reflect new projects/activities undertaken
- Outlines activities that will help to develop and disseminate general information about opportunities for CMM project development and address key barriers, including lack of:
  - information, technology and technical knowledge, demonstration for project feasibility, and financing or financing capacity
- Promotes cooperation among Partners and Project Network
- Identifies ways for Subcommittee to understand needs and priorities of individual Partner countries
- Updated draft disseminated for your review; will be emailed to all delegates after Bogotá meeting
- To be finalized by October Subcommittee meeting in Geneva
Coal Subcommittee’s Action Plan identifies 3 main activities that Subcommittee undertakes to increase CH4 recovery and use:
- Developing overview materials,
- Identifying and addressing key barriers to project development, and
- Identifying country-specific needs and opportunities.

Specific Subcommittee activities and examples updated in June 2015

Updated Table 1 summarizes ongoing/planned activities

Please review Subcommittee activities, examples and Subcommittee events

Send suggested revisions and updates to Ruiz.Felicia@epa.gov

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Coal Subcommittee
Draft Statement of Purpose

- New for Coal Subcommittee
  - Drafted June 2015
- Outlines the Subcommittee’s Mission, Focus, and Roles of Delegates and Project Network members
- Draft disseminated for Subcommittee and Project Network review, to be finalized by October Subcommittee in Geneva

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Coal Subcommittee
Draft Statement of Purpose

Mission:

The GMI Coal Subcommittee is dedicated to reducing the impacts of climate change by providing international leadership to mitigate global methane emissions through the abatement, recovery, and use of methane from coal mines. The Subcommittee promotes collaboration between delegates from Partner Countries and Project Network members to build capacity, develop strategies and markets, and remove barriers to methane mitigation project development in order to improve worker safety, enhance mine productivity, increase revenues, and reduce greenhouse gas emissions.

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Coal Subcommittee
Draft Statement of Purpose

- **Focus:**

The Coal Subcommittee primarily focuses on promoting the recovery and utilization of coal mine methane (CMM) and abandoned mine methane (AMM). As a secondary focus, the Subcommittee promotes CMM and AMM projects that involve mitigation-only of drained gas through flaring. From an environmental perspective, it is better to flare excess or stranded CMM rather than to vent it to the atmosphere, as it reduces the overall greenhouse gas emissions.

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Coal Subcommittee Draft Statement of Purpose

Roles:

Delegates work to achieve these goals by:

- Serving as the country point of contact for information on GMI;
- Preparing and updating country coal sector Methane Action Plans;
- Sharing country policies, incentives, standards, plans, and success stories through participation at GMI events and contributions to GMI resources (including the GMI International CMM Projects Database and the CMM Technology Database, etc.);
- Conducting research, providing technical assistance, hosting workshops or meetings, technology transfer activities, and trainings;
- Developing fact sheets, tools, guides, training plans, country databases, and methane inventories or reduction estimates;
- Attending Subcommittee and other GMI meetings; and/or
- Funding the activities above in other Partner countries.
Coal Subcommittee
Draft Statement of Purpose

Roles:

Project Network members assist in these efforts by:

- Providing funding opportunities,
- Participating at events,
- Sharing industry expertise and research,
- Representing similar organizations,
- Implementing methane reduction projects, and
- Publicizing success stories.

www.globalmethane.org
2016 Global Methane Forum

- International “Global Methane Forum” planned for March 28-30, 2016 in Washington, DC, hosted by EPA
- Forum will convene a high-level policy and technical dialogue on methane mitigation opportunities
- Will highlight over ten years of accomplishments in methane mitigation efforts through GMI and CCAC
- Platform for launching new “post-2015” GMI, in close coordination with CCAC, UNECE, and World Bank
2016 GMF: Planning for Coal Technical and Policy Sessions

- Equivalent of a full day of technical and policy presentations
  - Likely two, half-day sessions for Coal Sector
  - Have discretion over what these sessions will entail
  - Not an Expo (i.e. no project opportunity posters)

- Meeting of the Coal Subcommittee
- Informal meeting of the UNECE Group of Experts on CMM
- Subcommittee will convene working group to plan sessions
  - Interested in joining: Ruiz.Felicia@epa.gov

- Ideas for new themes, topics, approaches?
- Focus on high-level/big picture themes and/or technical/project-specific presentations?
- Vancouver: What worked/what didn’t work?
- What do we want to achieve as a Subcommittee?