

Coal Subcommittee Co-Chair Report: Subcommittee Tools and Resources

Geneva, Switzerland
October 22, 2014



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
- Intended to be a living document, which will be periodically updated to remain current
- **Updated as of October, 2014 and on the GMI web site**
- Additional updates to the database can be sent to the Administrative Support Group at asg@globalmethane.org

https://www.globalmethane.org/documents/partners_cmm_tech_database.pdf

www.globalmethane.org

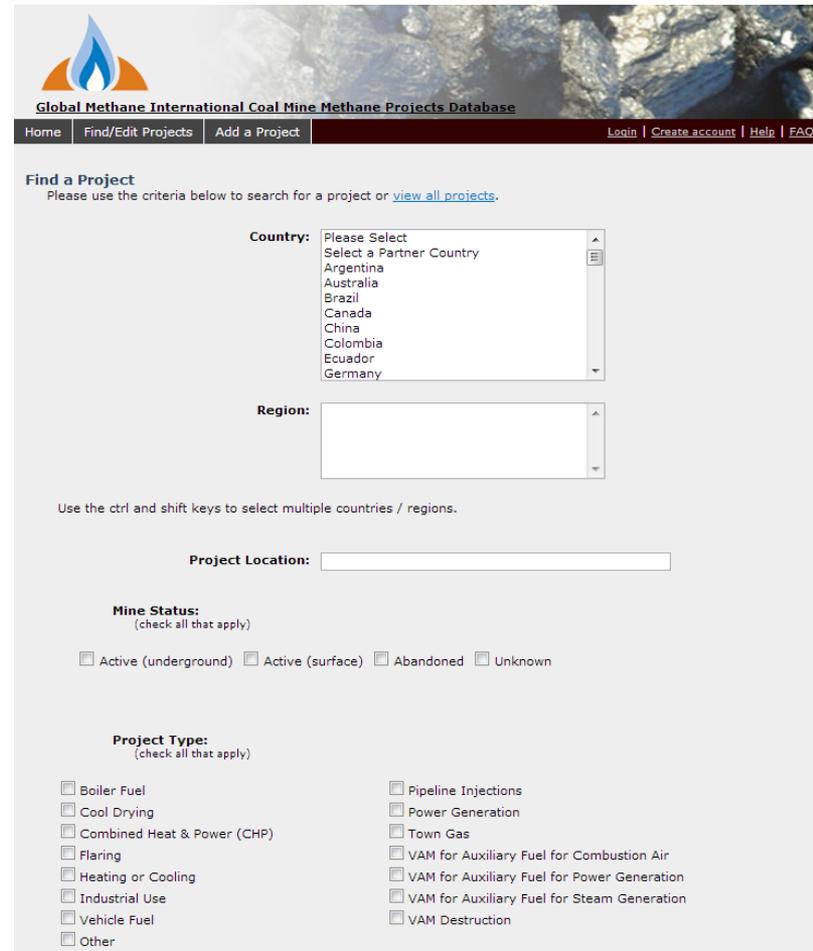


International CMM Project Database

- 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

<http://www2.ergweb.com/cmm/index.aspx>

www.globalmethane.org



The screenshot shows the search interface for the Global Methane International Coal Mine Methane Projects Database. At the top, there is a navigation bar with links for Home, Find/Edit Projects, Add a Project, Login, Create account, Help, and FAQ. The main heading is "Find a Project" with a sub-instruction: "Please use the criteria below to search for a project or [view all projects](#)." The search criteria include a "Country" dropdown menu with options: Please Select, Select a Partner Country, Argentina, Australia, Brazil, Canada, China, Colombia, Ecuador, and Germany. Below this is a "Region" dropdown menu. A "Project Location" text input field is provided. The "Mine Status" section includes checkboxes for Active (underground), Active (surface), Abandoned, and Unknown. The "Project Type" section includes checkboxes for Boiler Fuel, Cool Drying, Combined Heat & Power (CHP), Flaring, Heating or Cooling, Industrial Use, Vehicle Fuel, Other, Pipeline Injections, Power Generation, Town Gas, VAM for Auxiliary Fuel for Combustion Air, VAM for Auxiliary Fuel for Power Generation, VAM for Auxiliary Fuel for Steam Generation, and VAM Destruction.



CMM Country Profiles

- Originally developed in 2006, and last updated in December 2010
- 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
- ALL profiles being updated in 2014**

https://www.globalmethane.org/tools-resources/coal_overview.aspx

www.globalmethane.org



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Partner Countries

Project Network

Activities

Tools & Resources

News & Events

HOME » TOOLS & RESOURCES » COAL MINE METHANE COUNTRY PROFILES

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 [\[PDF\]](#) 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)

TOC, Executive Summary, and Introduction (PDF, 29 pp, 417 KB)

Chapter 1: Argentina (PDF, 7 pp, 144 KB)*

Chapter 2: Australia (PDF, 11 pp, 197 KB)*

Chapter 3: Botswana (PDF, 6 pp, 131 KB)

Chapter 4: Brazil (PDF, 9 pp, 175 KB)*

Chapter 5: Bulgaria (PDF, 6 pp, 127 KB)*

Chapter 6: Canada (PDF, 14 pp, 419 KB)*

Chapter 7: China (PDF, 12 pp, 236 KB)*

Chapter 8: Colombia (PDF, 9 pp, 240 KB)*

Chapter 9: Czech Republic (PDF, 9 pp, 320 KB)

Chapter 10: Ecuador (PDF, 4 pp, 147 KB)*

Chapter 11: Finland (PDF, 3 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, 268 KB)*

Chapter 15: Hungary (PDF, 7 pp, 217 KB)

Chapter 16: India (PDF, 12 pp, 207 KB)*

Chapter 17: Indonesia (PDF, 9 pp, 409 KB)*

Chapter 18: Italy (PDF, 7 pp, 166 KB)*

Chapter 19: Japan (PDF, 5 pp, 192 KB)*

Chapter 20: Kazakhstan (PDF, 8 pp, 237 KB)*

Chapter 21: Mexico (PDF, 11 pp, 226 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, 238 KB)*

Chapter 27: Poland (PDF, 9 pp, 231 KB)*

Chapter 28: Republic of Korea (PDF, 7 pp, 307 KB)*

Chapter 29: Romania (PDF, 8 pp, 224 KB)

Chapter 30: Russia (PDF, 11 pp, 275 KB)*

Chapter 31: South Africa (PDF, 12 pp, 236 KB)

Chapter 32: Spain (PDF, 6 pp, 152 KB)

Chapter 33: Turkey (PDF, 6 pp, 221 KB)*

Chapter 34: Ukraine (PDF, 11 pp, 253 KB)*

Chapter 35: United Kingdom (PDF, 14 pp, 362 KB)*

Chapter 36: United States (PDF, 15 pp, 425 KB)*

Chapter 37: Vietnam (PDF, 6 pp, 151 KB)*

* Global Methane Initiative member country



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
- **Currently under revision; subject to Co-Chair review**

https://www.globalmethane.org/documents/coal_actionplan_0506.pdf

GMI International Methane Forum

- 10 Year Anniversary of the Global Methane Initiative, to be held in Washington, DC
- Meeting to highlight ongoing success of all sectors: agriculture, coal, municipal landfills, oil & gas, wastewater
- Three days of technical and policy sessions featuring government and industry speakers

www.globalmethane.org

