



UNECE TASKFORCE ON METHANE EMISSION REDUCTIONS

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ACTIVITY SUMMARY

The Taskforce on Methane Emission Reductions:

- Strives to serve as a platform for member **engagement** on cross-cutting issues that impede mitigation of methane from coal mines and for **cross-learning** from the diverse expertise that exists within the taskforce.
- Held 3 meetings with members: May 2023, Sept. 2023, and Feb. 2024
- Members expressed interest in high engagement in decision-making; TF gathers member input through meeting discussions, surveys, and polls
- Collectively decided on goals for the TF's efforts:
 - 2 goals were set
- Conducted activities under each goal

1ST IDENTIFIED GOAL

OUTREACH TO KEY STAKEHOLDERS TO SHARE BASIC RESOURCES AND CONCEPTS

18 March 2024

Activities completed:

- ✓ Developed a comprehensive **catalogue** of resources available through member organizations and others, sortable by purpose, audience, level of expertise

Result: Informed the TF on the type of resources available and the gaps that exist

- ✓ Learned from member presentation (courtesy of Ember) on developing outreach materials as well as the discussion that followed.

Activities in progress:

- Developing a **new, shorter, visual resource** that compares the costs and scales of reductions for CMM/VAM mitigation technologies vs other GHG mitigation technologies (led by Richard Mattus).

Potential future activities:

- Developing a list of **stakeholder contacts**
- Compiling an **outreach package** for taskforce members
- Creating an **outreach plan** with responsibilities assigned to members to contact identified stakeholders, focusing on engaging coal mines
- A **study tour** for policymakers working on **coal mining**

2ND IDENTIFIED GOAL

IMPROVING EMISSIONS DATA AND INFORMATION FOR POLICYMAKING

18 March 2024

Activities completed:

- ✓ Learned from member presentations (courtesy of Instrat (Poland) and ARI/USEPA (USA)) on existing data reporting procedures and delivery/display.

Activities in progress:

- Develop guidelines for how facility-based emissions from coal mines could be collected in user-friendly format and presented for the public and/or for technical audiences.
- A call to obtain data from 3 anonymous sources to learn how companies collect/present data internally.

Potential future activities:

- Draft and discuss potential guidelines, templates, lessons learned on how to efficiently collect facility-level data that is meaningful and transform those data into insightful information that supports policymaking.
- Translate and distribute the resource in coal-mining countries.

THANK YOU!

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F9 Intermetiate/Some technical knowledge is required

	A	B	C	D	E	F	G
	Author/Owner/ Developer	Resource Name Name	Type of Resource	Primary Audience	Secondary Audience	Technical Knowledge Required	Resource Purpose
1	UNECE / GMI	Best Practice Guidance for Effective Methane Drainage and Use in Coal Mines	Best practice guidance/description	Coal mining companies	Policy advisers: technical experts	Advanced/In-depth technical discussion/Longer document	To provide decision-makers with a solid base of understanding from which to direct policy and commercial decisions
2	UNECE / GMI	Best Practice Guidance for Effective Methane Drainage and Use in Coal Mines (The second edition) (December 2014)	Best practice guidance/description	Coal mining companies	Policy advisers: technical experts	Advanced/In-depth technical discussion/Longer document	To provide decision-makers with a solid base of understanding from which to direct policy and commercial decisions
3	CMOP/ EPA	Coal Mine Methane (CMM) Recovery Opportunities Map	Database of project development opportunities	Project developers	Policy advisers: technical experts	Advanced/In-depth technical discussion/Longer document	To inform of current projects and potential opportunities to develop coal mine methane (CMM) recovery and utilization projects at active U.S. coal mines
4	CMOP / EPA	CMM Cash Flow Model	Financial/economic assessment of projects	Coal mining companies	Project developers	Advanced/In-depth technical discussion/Longer document	To evaluate the potential economic viability of projects
5	CMOP / EPA	Coal Mine Methane Recovery at Active and Abandoned U.S. Coal Current Projects and Potential Opportunities (March 2020)	Methane project database	Project developers	Policymakers: national or regional	Intermetiate/Some technical knowledge is required	To profile selected gassy underground mines that have implemented CMM projects or might be suitable for project development
6	Global Methane Initiative	Global Methane Initiative International Coal Mine Methane Projects Database	Methane project database	Policymakers: national or regional	Project developers	Intermetiate/Some technical knowledge is required	To provide the comprehensive repository of data and information on all CMM recovery and use projects in operation and development around the world
7	Global Methane Initiative	Coal Mine Methane Country Profiles	Resource assessment and opportunity analysis	Project developers	Policy advisers: technical experts	Intermediate/ Policymakers'	To scope out opportunities across the world for coalmine methane (CMM) recovery projects serving

- 1. Ability to connect with government and coal mines representatives (for online and in person meetings)
- 2. Communication (writing) of complex, technical material in easy-to-understand format, such as for policymakers

- 3. Connections/knowledge of with financiers/investors/funders (to help develop more effective communication materials and connect relevant interested parties)
- 4. Experience with policymaking
- 5. Experience with quantification, statistical methods, inventory, measurements of coal mine methane
- 6. Language translation
- 7. Operational experience/data (e.g., for analysis)
- 8. Relevant contacts in the government and coal mines that the group can reach out to
- 9. Visualization skills (graphics, charts, technical drawings)

SKILLS WITHIN THE TASK FORCE

