

# UNECE Group of Experts Coal Mine Methane Task Force on Methane Emissions Reduction

## First Meeting

16 May 2023

17:00 - 18:30 (Geneva time)

## SUMMARY

### Participants:

Task Force Chair:

- Volha Roshchanka

Task Force Members:

- Bartłomiej Bezak
- Tomas Bredariol
- Marc Bustin
- Neil Butler
- Peter Cain
- Bruce Chisholm
- David Creedy
- Ryan Driskell Tate
- Meredydd Evans
- Phillip Evans
- Caitlan Frederick
- Liubym Gerasymenko
- Aida Haracic
- Michal Hetmanski
- Piotr Kasza
- Ozgen Karacan
- Sarah Lerman Sinkoff
- Rajiw Lochan
- Melanie Mackay
- Richard Mattus
- Alina Mroz
- Ray Pilcher
- Grzegorz Plonka
- Svetlana Prokopchina
- Felicia Ruiz
- Ella Salzmänn
- Alex Shlyapin
- Jacek Skiba
- Lesley Sloss
- Sunjay Sunjay
- Sebastian Swaczyna
- Caitlin Swalec
- Justyna Swolkien
- Clark Talkington
- Carsten Walddoerfer
- Klaudia Wilk-Zajdel
- Members of ICE-CMM China

Secretariat:

- Michal Drabik

**Draft agenda:**

1. Opening of the meeting and welcome by the Chair of the Group
2. Introduction by the Chair of the TF
3. Tour de table
4. Discussion on activities, deliverables, and the mode of operation of the TF
5. Presentation of the RoP by the Secretariat
6. AOB
7. Next meeting
8. Closing the meeting

**Item 1. Opening of the meeting and welcome by the Chair of the Group**

1. The Chair of the Group of experts, Mr. Raymond Pilcher, opened the session, underlined the importance of the work that the Task Force (TF) is to do, and asked TF members to be respectful and kind to one another.

**Item 2. Adoption of the agenda**

2. The draft agenda was adopted without any changes.

**Item 3. Tour de table**

3. Each participant briefly presented herself/himself.

**Item 4. Discussion on activities, deliverables, and the mode of operation of the TF**

4. The Chair of the TF presented the result of the questionnaire that was distributed among TF members ahead of the meeting:

- a. 50 experts signed up to the TF;
- b. 42 provided answers to the questionnaire;
- c. It was decided that the meetings will be held on a bimonthly basis;
- d. The decisions are to be taken by voting, with intention to build consensus, if possible;
- e. Two ideas for activities were proposed:
  - I. Outreach to key stakeholders (policymakers, mining companies) to share basic resources and concepts;
  - II. Improving presentation of facility emissions data and information for policymaking;
- f. For activity I. *Outreach to key stakeholders (policymakers, mining companies) to share basic resources and concepts* 6 sub-activities were proposed:
  - i. Developing a comprehensive catalogue of resources (e.g., excel spreadsheet) available through UNECE/GMI/Ember and others, sortable by purpose, audience, level of expertise required;
  - ii. Developing a list of stakeholder contacts;
  - iii. Developing new, short, visual/interactive resources (for non-technical audience), e.g., comparative information on costs of various mitigation projects, gaps for wide scale implementation of VAM projects;
  - iv. Compiling an outreach package for taskforce members;
  - v. Creating an outreach plan with responsibilities assigned to members to contact identified stakeholders, focusing on engaging coal mines;
  - vi. A study tour for policymakers working on coal mining;
- g. Among those, the respondents found the most interesting activity iii. *Developing new, short, visual/interactive resources*; activities i. and ii. are building blocks for activity iii. Everyone should complete activities i. and ii.

- h. The following TF members offered to contribute to the above-mentioned task iii.:
- Bartłomiej Bezak (Polish Mining Group PGG S.A.),
  - Tomás Bredariol (International Energy Agency),
  - Neil Butler (Peak Carbon Capital),
  - Sergio Mauricio Cabral Olivares (Preemitive Pollution Initiatives),
  - Peter Cain (Mining Engineering Consultant),
  - David Creedy (Sindicatum Sustainable Resources),
  - Carles Debart (GHGSat),
  - Meredydd Evans (Pacific Northwest National Lab),
  - Phillip Evans (Johnson Matthey PLC),
  - Michal Hetmanski (Instrat),
  - C. Özgen Karacan (US Geological Survey),
  - Melanie Lynn Mackay (Trillium Geoscience Ltd.),
  - Gift Richard Maloya (The Initiative for Climate Action and Development),
  - Richard Mattus (RM Business Consulting AB),
  - Alina Mroz (Project Developer),
  - Grzegorz Plonka (Polish Mining Group PGG S.A.),
  - Sunjay (BHU, Varanasi India),
  - Clark Talkington (ARI),
  - Carsten Walddörfer (Dürr Systems AG),
  - Eleanor Whittle (Ember);
- i. The Chair of the TF prepared the template for Coal Resource Catalogue (activity i.) and Stakeholder Contact list (activity ii.) that will be posted in the shared folder to which all TF members will obtain access shortly after the meeting. Each TF member is asked to provide an input to the documents;
- i. For activity II. *Improving emissions data and information for policymaking* 4 sub-activities were proposed:
- i. Developing guidelines for how facility-based emissions from coal mines could be presented for the public and/or for technical audiences;
  - ii. A publication/presentation on uncertainties and costs associated with periodic measurements of emissions for different sources with different frequencies (annual, quarterly, monthly, weekly, daily, continuous);
  - iii. A guide/methodological approach for reconciling top-down/bottom-up monitoring methods;
  - iv. Draft report/proposal on refining emission factors, including regional. Exploration of application of top-down methods to estimate surface mine emissions;
- j. Among those, the respondents found the most interesting activity i. *Developing guidelines for how facility-based emissions from coal mines could be presented for the public and/or for technical audiences*; The TF will begin with this task, however, the other tasks might be pursued at a later time.
- h. The following TF members offered to contribute to the above-mentioned task:
- Artur Badylak (JSW S.A.),
  - R Marc Bustin (UBC),
  - Sergio Mauricio Cabral Olivares (Preemitive Pollution Initiatives),
  - Ryan Driskell Tate (Global Energy Monitor),
  - Angel Esparza (GHGSat),
  - Meredydd Evans (Pacific Northwest National Lab),
  - Michal Hetmanski (Instrat),
  - C. Özgen Karacan (US Geological Survey),
  - Rajiw Lochan (Prabha Energy Private Limited - CBM Projects),Melanie Lynn Mackay (Trillium Geoscience Ltd.),
  - Gift Richard Maloya (The Initiative for Climate Action and Development),
  - Stefan Moellerherm (Technische Hochschule Georg Agricola Research Center of Post-Mining),
  - Alina Mroz (Project Developer),
  - Grzegorz Plonka (Polish Mining Group PGG S.A.),

- Felicia A. Ruiz (Clean Air Task Force),
- Sunjay (BHU, Varanasi India),
- Sebastian Swaczyna (JSW S.A.),
- Caitlin Swalec (Global Energy Monitor),
- Justyna Swolkień (AGH University of Science and Technology),
- Clark Talkington (ARI),
- Carsten Walddörfer (Dürr Systems AG),
- Klaudia Wilk-Zajdel (Oil and Gas Institute - National Research Institute),
- Eleanor Whittle (Ember),
- Hanling Yang (Environmental Defense Fund).

5. On the basis of the results of the questionnaire, the following activities were decided to be developed in the near time:

- a. Complete the resource catalog spreadsheet on SharePoint
- b. Complete the coal mine/policymaker contact list spreadsheet
- c. Share examples of effective communication materials for non-technical audience/policymakers (in any field) by e-mail to TF and Michal Drabik

6. The deadline for completing the above activities was set for 15 June.

**Item 5. Presentation of the RoP by the Secretariat**

7. The secretariat asked participants for their feedback on the draft Rules of Procedure that were shared with TF members ahead of the meeting. It was explained that the RoP are necessary to formally explain the relation between the Group of Experts and the Task Force, and to provide the framework for the work of the latter. As there were no immediate comments to the document, TF members were asked to provide comments (if any) in writing by COB Friday, 19 May 2023.

**Item 6. Any other business**

8. The secretariat underlined the importance of active engagement of TF members, stressing that the actual work of the TF takes place in between its meeting, and asking TF members to stay engaged and responsive.

**Item 7. Next meeting**

9. The next meeting of the TF will take place mid-July. The secretariat will distribute a doodle poll to identify the most convenient date and time.

**Item 8. Closing the meeting**

10. The Chair and the secretariat thanked participants for their time and involvement in the call, and closed the meeting.

---