Group of Experts on Coal Mine Methane

14th Session

8 November 2019, Geneva
Item 8: Work plan for 2020-2021

Documentation

➢ Work Plan of the Group of Experts on Coal Mine Methane for 2020-2021 (ECE/ENERGY/2019/6)

➢ Approved by the Committee on Sustainable Energy at its 28th meeting held on 25-27 September 2019 in Geneva, Switzerland

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2020-2021 Highlights

➢ Dissemination activities of:
  ➢ BPG on CMM
  ➢ BPG on AMM

➢ Further work on AMM

➢ Work on surface mines and sustainable management of SMM

➢ Expanded cooperation with the existing ICE-CMMs and a quest for establishing new ones

➢ Implementation of the initial phase of the project on Modernization of the Energy Sector
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Activities & deliverables

➢ Activity A: Disseminate and facilitate application of best practices for effective methane recovery and use from active and abandoned coal mines

➢ 1 workshops on best practices for effective methane drainage and use in coal mines;

➢ 1 or 2 workshops on best practices for effective methane recovery and use from abandoned coal mines;

➢ A report identifying issues that need to be addressed in order to develop a comprehensive publication indicating locations of abandoned mines in the ECE region and the volume of methane emitted from each of them;

➢ A report analysing the scale, as well as challenges with, and benefits of capturing and utilizing methane emissions from surface mines;

➢ A set of events focusing on CMM organized jointly by the Group and GMI.
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Activities & deliverables

➢ **Activity B**: Launch and support the work of the International Centres of Excellence on Coal Mine Methane

➢ Plan, organize, and execute in cooperation with ICE-CMM in Poland 2 seminars within the framework of the School of Underground Mining;

➢ 1 workshop on best practices for effective methane drainage and use in coal mines, organized jointly by ICE-CMM in Poland and the Group of Experts in a partner country of the Centre;

➢ Yearly status report of each ICE-CMM;

➢ Initial work plans of each new Centre (if any) with a list of deliverables which are to be delivered in coordination with the Group of Experts.
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Activities & deliverables

➢ **Activity C:** Collect and disseminate case studies on the application of best practice guidance in specific coal mines in different regions of the world

➢ **Case studies on implementation of best practices in effective methane management in active and/or closed coal mines.**
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Activities & deliverables

➢ Activity D: Contribute, in cooperation with other Groups of Experts and under the leadership of the Committee on Sustainable Energy, to the work on integrated methane management in the context of sustainable development

➢ Coal mining sector-related part of the summary report on the estimated volumes of methane emissions in extractive industries in the ECE region;

➢ Coal mining sector-related part of the summary report on techniques and methods used for measuring, monitoring, reporting and verifying methane emissions in extractive industries in the UNECE region.
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Activities & deliverables

➢ Activity E: Further engage, in cooperation with other Groups of Experts and under the leadership of the Committee on Sustainable Energy, in the work on transition of the fossil fuels-based energy sector in the ECE region.

➢ A set of workshops providing theoretical foundations for development of the project on transition of the fossil fuels-based energy sector in the ECE region;

➢ A report outlining the theoretical framework for transition of the fossil fuels-based energy sector in the ECE region;

➢ A white paper analysing practical aspects of the implementation of the theoretical framework for transition of the fossil fuels-based energy sector in the ECE region;

➢ Selection of a specific legacy industry site for implementation of a pilot project;

➢ A preliminary assessment of the legacy industry site selected for the pilot project;

➢ A report and presentation on technical, legal and financial measures available for improvement of the selected legacy industry site.
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**Activities & deliverables**


  - Input to specifications and guidelines for application of UNFC and UNRMS to coal bed methane resources developed by the Expert Group on Resource Management.
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Activities & deliverables

➢ **Activity G:** Contribute, in cooperation with other Groups of Experts and under the leadership of the Committee on Sustainable Energy, to the work on the “Pathways to Sustainable Energy” project.

➢ **Input** to the “Pathways to Sustainable Energy” project on the role of coal mine methane capture and utilization in the process of transition towards the sustainable energy system of the future.
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**Activities & deliverables**

- **Activity H:** Promote broader inclusiveness of the Group of Experts, giving due attention to gender equality.

  - A segment promoting value of diversity, identifying barriers that prevent greater involvement of women in the mining industry, and highlighting the benefits that diversity of the staff and the resulting multiplicity of experiences and worldviews can bring to entities operating in the sector, which is to be added to a standard training module developed by the Group of Experts.
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Activities & deliverables

➢ **Activity I:** Continue to provide advice on coal mine methane related standards to the United Nations Framework Convention on Climate Change (UNFCCC), the International Organization for Standardization (ISO), and other international, national and regional market-based coal mine methane emission reduction mechanisms. Engage and develop robust professional ties with the recognized expert entities operating in the field of fossil-based energy.

  ➢ Advice and comments on coal mine methane related standards;
  ➢ Continue efforts to re-establish professional ties with the World Coal Association and the International Energy Agency (IEA) Coal Industry Advisory Board;
  ➢ Continue exploring opportunities for engagement with multilateral and bilateral financial institutions, with the goal to change the negative and generalized image of the coal industry, and to raise extrabudgetary funds to support the current and future activities of the Group of Experts.
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