Post-Mining Perspectives: Capture and Use of Abandoned Mine Methane and Mine Reclamation and Revitalization of Post Mining Areas

Hotel QUBUS, Nadwiślańska Street 6, Cracow, Poland
Agenda as of 14.02.2020
24-26 February 2020

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Wednesday, 26 February 2020

SEMINAR

Opening Part (25 mins)

9:00  Housekeeping and Introduction to the workshop
Mr. Michal Drabik, Economic Affairs Officer, United Nations Economic Commission for Europe (UNECE)

9:05  Opening speech UNECE
Mr. Raymond Pilcher, Chair, Group of Experts on CMM

9:15  Opening speech GMI
Mr. Clark Talkington, Vice-President, Advanced Resources International

Environmental Aspect of AMM (45 mins)

9:25  The Problem of AMM: Fugitive emissions composition, accumulation, migration and potential hazards
Mr. Raymond Pilcher, Chair, Group of Experts on CMM

9:40  Scope of methane emissions from abandoned mines and their impact on the environment
Mr. Clark Talkington, Vice-President, Advanced Resources International

9:55  Estimating future AMM emissions
Mr. Raymond Pilcher, Chair, Group of Experts on CMM

Coffee Break 10:10 – 11:30

AMM Projects: Planning, Design, Technologies, Regulations, Examples (2h 30 mins)

10:30  Polish regulations pertaining to AMM capture and utilization; examples of AMM projects in Poland
Mr. Jerzy Hadro, Mr. Janusz Jureczka, Upper Silesian Branch, Polish Geological Institute - National Research Institute (PIG-PIB)
10:45 **Planning AMM projects: Quantifying resources, reservoir testing, feasibility study, gas production Strategies, AMM utilization options**  
Mr. Clark Talkington, Vice-President, Advanced Resources International

11:00 **AMM resources and reserves assessment – Polish experience**  
Mr. Jerzy Hadro, Mr. Janusz Jureczka, Upper Silesian Branch, Polish Geological Institute - National Research Institute (PIG-PIB)

11:15 **Efficiency of capturing methane from abandoned mines in Polish conditions**  
Mr. Marek Borowski, Vice Dean, Faculty of Mining and Geoengineering, AGH University of Science and Technology

11:30 **Intelligent Mine Closure; a case study of the AMMUSCB project, a first AMM capture and use project in Poland**  
Mr. Krystian Wierzbinski, Central Mining Institute

11:45 **AMM project development in Germany: regulations, financing, examples of projects**  
Mr. Clemens Backhaus, Engineer, A-TEC Anlagentechnik GmbH

12:00 **AMM project development in the Saar region**  
Mr. Stefan Möllerherm, Research Administrator, Technische Hochschule Georg Agricola

12:15 **Abandoned Mine Methane recovery in Northern France**  
Mr. Julien Moulin, Chairman, Francaise de l’Energie  
Mr. Jean Pierre Kucheida, Chairman, French Mining Towns Association

12:45 **Low quality AMM is also a resource**  
Mr. Ake Kallstrand, Technical Director, Environment, Climate & Energy, DÜRR- MEGTEC

Lunch Break 13:00 – 14:00

**Revitalization of Post Mining Areas (1h 15 min)**

14:00 **Revitalization of post mining areas: circular economy contributors**  
Ms. Alicja Krzemien, Head, Department of Risk Assessment and Industrial Safety, Central Mining Institute  
Mr. Pedro Riesgo Fernandez, Professor, School of Mining, Energy and Materials Engineering, University of Oviedo

14:15 **Presentation on revitalization of post mining areas / post-mining waste management**  
Mr. Bartlomiej Bezak, Head, Innovation and New Technologies Team, Polish Mining Group

14:30 **Revitalisation of post-mining areas in Brzeszcze in the context of energy transition in mining regions**  
Mr. Marek Cała, Ms. Anna Ostręga, AGH University of Science and Technology

14:45 **Protection of mining heritage in the mine closure and revitalisation processes – case study from Brzeszcze, Poland**  
Ms. Anna Ostręga, Ms. Natalia Kowalska, AGH University of Science and Technology
EU Policy and Regulations on Coal and Methane (2h 15 mins)

15:00 Current and future EU policy on methane
Ms. Carmen Opera, Policy Officer, DG Energy, European Commission

15:15 EU policy and regulations on CMM and AMM capture and utilization; incentives, barriers, and available funds
Mr. Robert Zielger, European Commission

15:30 Possibilities for funding of Methane related projects under the RFCS fund; priorities for the future
Mr. Lucas Jansen, Policy Officer, DG Research and Innovation, D4 – Coal and Steel, European Commission

15:45 EU policy on coal and mine closure - coal regions in transition platform
Mr. Brieuc Posnic, European Commission

Coffee Break 16:00 – 16:20

16:20 Polish Government’s Perspective
Mr. Maciej Bialek, Chief Expert, Mining Department, Ministry of State Assets

16:35 Polish Coal Industry’s Perspective
Mr. Janusz Olszowski, President, Polish Mining Chamber of Industry and Commerce

16:50 EU Coal Industry’s Perspective
Ms. Magdalena Chawula - Kosuri, Deputy Secretary General, EURACOAL

17:05 Moderated discussion with the audience
Mr. Raymond Pilcher, Chair, Group of Experts on CMM (Moderator)

Closing Part (10 mins)

17:20 Closing Remarks
Representatives of the UNECE Group of Experts on CMM, Chair, Vice-Chair, and Secretary

17:30 End of Workshop