



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

Hotel QUBUS, Nadwiślańska Street 6, Cracow, Poland

Agenda as of 22.02.2020

24-26 February 2020

Wednesday, 26 February 2020

SEMINAR

Opening Part (25 mins)

9:00 Housekeeping and Introduction to the workshop

Mr. Michał 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 Wierzbiński, *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 **Degasification in mines set for decommissioning**
Mr. Klaudiusz Mężyk, *Mine Restructuring Company (SRK)*
- 14:15 **Revitalization of post mining areas: circular economy contributors**
Ms. Alicja Krzemień, *Head, Department of Risk Assessment and Industrial Safety, Central Mining Institute*
Mr. Pedro Riesgo Fernández, *Professor, School of Mining, Energy and Materials Engineering, University of Oviedo*
- 14:30 **Presentation on revitalization of post mining areas / post-mining waste management**
Mr. Bartłomiej Bezak, *Head, Innovation and New Technologies Team, Polish Mining Group*
- 14:45 **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*



15:00 **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)

15:15 **Current and future EU policy on methane**

Ms. Carmen Opera, *Policy Officer, DG Energy, European Commission*

15:30 **EU policy and regulations on CMM and AMM capture and utilization; incentives, barriers, and available funds**

Mr. Robert Zielger, *European Commission*

15:45 **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*

16:00 **EU policy on coal and mine closure - coal regions in transition platform**

Mr. Brieuc Posnic, *European Commission*

Coffee Break 16:15 – 16:35

16:35 **Polish Government's Perspective**

Mr. Maciej Białek, *Chief Expert, Mining Department, Ministry of State Assets*

16:50 **Polish Coal Industry's Perspective**

Mr. Janusz Olszowski, *President, Polish Mining Chamber of Industry and Commerce*

17:05 **EU Coal Industry's Perspective**

Ms. Magdalena Chawuła - Kosuri, *Deputy Secretary General, EURACOAL*

17:20 **Moderated discussion with the audience**

Mr. Raymond Pilcher, *Chair, Group of Experts on CMM (Moderator)*

Closing Part (10 mins)

17:50 **Closing Remarks**

Representatives of the UNECE Group of Experts on CMM, *Chair, Vice-Chair, and Secretary*

18:00 **End of Workshop**