



**UNECE Group of Experts on Coal Mine Methane & Global Methane Initiative**

**3<sup>rd</sup> International Coal Conference**  
***Ukrainian Coal Mining Industry in the Times of Decarbonisation***

**Workshop**  
**on**  
**Best Practices**  
**in**  
**Coal Mine Methane Capture and Utilization**

*The Institute of Geotechnical Mechanics named by N. Poljakov of the National Academy of Sciences of Ukraine*  
*Simferopol's'ka Street, 2-a, 49005, Dnipro, Ukraine*

*Draft Agenda as of 08.06.2019*

**12 June 2019 (Wednesday)**

**Introductory Part (10 min)**

**9:30 Introductory Remarks**

Mr. Raymond C. Pilcher, *Chair UNECE Group of Experts on Coal Mine Methane*

**Current state of the Ukrainian Mining Sector (15 min)**

**9:45 Ukrainian Mining Sector: Current State, Strategy for the Future, CMM-related issues**

Mr. Anatoly.F Bulat, *Head, Program on Mine Methane Capture and Recovery, Institute of Geotechnical Mechanics named by N. Poljakov of National Academy of Sciences of Ukraine*

**Regulations and Enforcement (30 min)**

**10:00 Methane Hazard Prevention in the light of Polish Mine Safety Regulations**

Mr. Henryk Koptoń, *Gas Hazard Control Department, GIG - Central Mining Institute*

**10:15 US Mine Safety Regulations and Methane Hazard Prevention**

Mr. Raymond C. Pilcher, *Chair UNECE Group of Experts on Coal Mine Methane*

**Safety, Degassing, Explosion Prevention, and Risk Assessment (30 min)**

**10:30 An overview of the Ukrainian mine regulations pertaining to the mine safety and explosion prevention**

Mr. Igor Yashchenko, *Deputy Director, Department of Industrial Safety and Physical Protection, Ministry of Energy and Coal Industry*

**10:45 New Directions in R&D in order to Decrease Methane Hazard in Polish Coal Mines - Based on GIG Experience**

Mr. Jacek Skiba, *Chief Specialist, Experimental Mine "Barbara", GIG - Central Mining Institute*

**Coffee Break 11:00 – 11:30**

### **Safety, Degassing, Explosion Prevention, and Risk Assessment (continued) (45 min)**

- 11:30 **Recent Changes in the Safety Culture in the Coal Mines Operated by the Shanxi Coking Coal Group**  
Mr. Liu YanHong, *Head, Ventilation Department, Shanxi Coking Coal Group*
- 11:45 **Designing of the Coal Panels with High Concentration of Coal Extraction in Strongly Gaseous Coalbeds**  
Mr. Henryk Koptoń, *Gas Hazard Control Department, GIG - Central Mining Institute*
- 12:00 **Monitoring, Assessment, Prevention and Mitigation of Rock Burst and Gas Outburst Hazards in Coal Mines (based on MapROC project)**  
Mr. Jacek Skiba, *Chief Specialist, Experimental Mine "Barbara", GIG - Central Mining Institute*

### **Drainage and Mine Gas Utilization (30 min)**

- 12:15 **Drilling Solutions for Methane Drainage**  
Mr. Clark Talkington, *Advanced Resources International (ARI)*
- 12:30 **CMM Capture and its Use in Selected Urban Areas in Donbas**  
Mr. Yuriy Bobrov, *Executive Director, The Association of Mining Towns of Donbass*
- 12:45 **Q&A**  
All Participants

**Lunch 13:00 – 14:00**

### **Ventilation (45 min)**

- 14:00 **Mine Ventilation Best Practices and Regulations in the USA**  
Mr. Raymond C. Pilcher, *Chair UNECE Group of Experts on Coal Mine Methane*
- 14:15 **Ventilation Challenges in Polish Coal mines (Characteristics, Practices, and Regulations)**  
Mr. Jacek Skiba, *Chief Specialist, Experimental Mine "Barbara", GIG - Central Mining Institute*
- 14:30 **VAM processing - International Experiences from Proven Technology**  
Mr. Richard Mattus, *RM Business Consulting*

### **Pre-mine Drainage (30 min)**

- 14:45 **New Elk Coal Company: Coal Mining In an Established Gas Field**  
Mr. Raymond C. Pilcher, *Chair UNECE Group of Experts on Coal Mine Methane*
- 15:00 **CBM Gilowice Project – Overview, the Applied Fracturing Technology, and the Obtained Results**  
Mr. Piotr Kasza, *Head, Reservoir Stimulation Department, Oil and Gas Institute - National Research Institute*

### **Development and Financing of CMM/CBM Project (45 min)**

15:15 **An overview of the Ukrainian policies and measures that promote CMM and VAM use, and the existing projects that use or destroy methane recovered from coal mining**

Mr. Vadym Miroshnychenko, *Head, Degassing and Ventilation Unit, Technical Development Department, Coal Production Directorate DTEK ENERGY*

15:30 **Getting it Right: Policies that Provide a Solid Foundation for the Development of CMM/AMM and VAM Projects**

Ms. Meredydd Evans, *Senior Staff Scientist, Joint Global Change Research Institute, Pacific Northwest National Laboratory (PNNL)*

15:45 **The Economics of Successful Project Development**

Mr. Clark Talkington, *Advanced Resources International (ARI)*

**Coffee Break 16:00 – 16:30**

### **Development and Financing of CMM/CBM Project (continued)**

16:30 **CMM Capture and Utilization Project in China**

Mr. Xiao Qi, *Senior Manager, Shanxi WenLongZhongMei Environment & Energy Technology Co. Ltd.*

16:45 **Global VAM Update**

Mr. Richard Mattus, *RM Business Consulting*

### **Coal Industry in Georgia – Challenges, Opportunities, and CMM Situation**

17:00 **Coal Industry in Georgia – Challenges, Opportunities, and CMM Situation**

Mr. Gia Arabidze, *Dean, Faculty of Power Engineering and Telecommunication, Georgian Technical University*

17:15 **Q&A**

All Participants

17:30 **End of Workshop**