



**ECONOMIC COMMISSION FOR EUROPE
Committee on Sustainable Energy
Working Party on Gas and
Ad Hoc Group of Experts on Coal Mine Methane**

Workshop on Geomechanical and Geodynamic Aspects of
High-Efficiency Extraction of Coalmine and Coalbed Methane
St. Petersburg, Russian Federation
20-22 September 2006

PROVISIONAL PROGRAMME

TUESDAY, 19 September 2006

- Arrival of participants, registration, sightseeing tours, dinner (at 20.30 and 22.30);

WEDNESDAY, 20 September 2006

07.00 – 08.30 – Breakfast

09.00 – 10.00 – Registration of participants

10.00 – 10.20 – Opening of the Workshop and welcoming addresses by:

- Mr. D. Yakovlev - Director General, VNIMI;
- Mr. A. Chachine - UN Economic Commission for Europe
- Mrs. V. Rusakova – Member of the Board, GAZPROM;
- Mr. A. Yanovsky – Director of Department, Ministry of Industry and Energy, Russian Federation;
- Mr. B. Reutov – Chief of Department, Federal Agency on Science and Innovations, Russian Federation

10.20 – 13.00 - Topic 1: Improving the recovery efficiency of coalbed methane production from unmined coal seams.

Co-Chairmen: Mr. A. KARASEVICH (PROMGAZ) and Mr. D. YAKOVLEV (VNIMI)

10.20 – 10.40 - Mr. N. Storonsky (PROMGAZ) - “Exploration stage as a major step in the preparation of a CBM field for development”

10.40 – 11.00 – Mr. L. Puchkov (Moscow State Mining University) – “New concept of a complex solution for the CMM extraction and use”

11.00 – 11.20 – Mr. V. Gurianov (IPKON Institute, Russian Academy of Science) – “CMM potential resource assessment in the Russian Federation and securing of investments for its industrial development”

11.20 – 11.40 – Mr. C. Boyer (Schlumberger, USA) – “Technologies for CBM reservoir production and development”

11.40 – 12.00 – Coffee break

12.00–12.20 – Mr. V Khrjukin (PROMGAZ) – “Gas zones and prospects for gas production in the Taldinskoe coal-methane field”

12.20–12.40 – Mr. V. Fitchev (Ministry of Coal Industry, Ukraine) – “CMM extraction as a major means to enhance security of coalmining activities”

12.40 – 13.00 – Mr. V. Antsiferov (Ukrainian Geological and Geophysical Institute) - “Use of 3-D geological and geophysical methods for studying the hydrocarbon reservoir potential”

13.00 – 14.00 – LUNCH

14.00 – 18.00 – Topic 1 (continued) and Topic 2 - Improving the efficiency of methane extraction from active and abandoned coal mines

Co-Chairmen: Mr. L. PUCHKOV (Moscow State Mining University) and Mr. V. SHUMEIKO (Ministry of Industry and Energy, Russian Federation)

14.00 – 14.15 – Mr. A. Polyakov (VNIMI, Kemerovo, Russian Federation) – “Geodynamic approach in the assessment of prospects for the development of CBM fields”

14.15 – 14.30 – Mr. M. Gamov (Rostov State University, Russian Federation) – “Geological and economic methods for the assessment of CBM potential in eastern Donbass)

14.30 – 14.45 – Mr. A. Chernikov (PROMGAZ) – “Use of systems analysis for the forecast of CBM reservoir parameters in the Kuznetsk basin”

14.45 – 15.00 – M. I. Kudrin (“INECOTEX”, Russian Federation) – “Forecast criteria for the prospecting of a free-methane accumulations in the layers, situated above the coal-mine fields”

15.00 –15.15 – Mr. A. Panfilov (VNIMI) – “Geodynamic aspects of the formation of CBM fields”

15.15 – 15.30 – Mr. K. Bennaceur (Schlumberger, USA) – “Enhanced Coalbed Methane Recovery using CO₂”

15.30 – 15.45 – Mr. S. Shimada (University of Tokyo, Japan) – “CBM Production and CO₂ Sequestration Calculation by Using a Simulator”

15.45–16.00 – Coffee break

16.00–16.15 – Mr. A. Enns (VORKUTAUGOL) - “Prospects for the underground degasification of coal mines and use of captured methane in “Vorkutaugol”

16.15 – 16.30 – Mr. O. Smirnov (SUEK) – “Improving the efficiency of methane extraction from active coal mines”

16.30 – 16.45 – Mr. A. Karmansky (VNIMI) – “Enhancing methane flows in coal seams using low-energy seismic-acoustic methods”

16.45 – 17.00 – Mr. B. Zuev (VNIMI) – “Use of simulation techniques for modelling coal seams degasification process”

17.15 – 17.30 – Mr. V. Zubkov (VNIMI) – “Methane-bearing coal seams hydro-fracturing simulation”

17.30 – 17.45 – Mr. I. Petukhov (VNIMI) – “Stress management of oil and gas-bearing rocks”

18.00 – End of Day One

19.30 – Gala-Dinner on behalf of the Organisers

THURSDAY, 21 September 2006

10.00 – 13.00 – Topic 2 - Improving the efficiency of methane extraction from active and abandoned coal mines

Co-Chairmen: Mr. R. MUSTAFIN (“Methane Centre”, Kazakhstan and Mr. I. EFREMOV (Zasyadko Mine, Ukraine)

10.00 – 10.15 - Mr. I. Efremov (Zasyadko Mine, Ukraine) - “Ukrainian experience of methane production and use in Zasyadko Mine”

10.15 – 10.30 – Mr. E. Goncharov (VNIMI) – “Geodynamic aspects and new technologies of methane extraction from high burst-risk gas seams”

10.30 – 10.45 – Mr. M. Gamov (Rostov State University) – “Methods to improve coalbed methane production in Donbass area ”

10.45 – 11.00 – Mr. V. Sleptsov (Dzerjinsk Mayor’s Office, Ukraine) – “Technologies for the degassing of coal seams”

11.30 – 11.45 – Mr. S. Baymuhametov (Mittal Steel, Temertau, Kazakhstan) – “Improved efficiency of CMM production in Karaganda coal basin”

11.45 – 12.00 – Coffee break

12.00–12.15 – Mr. A. Puchkov (Moscow State Mining University) – “ Improved efficiency of coal seams degasification”

12.15–12.30 – Mr. A. Polyakov (VNIMI, Kemerovo) – “Gas dynamics of geological layers when closing the mines through flooding”

12.30 – 12.45 – Mr. A. Desyatkin (PROMGAZ) - “Complex geophysical methods of wells testing in CBM fields”

12.45 – 13.00 – Mrs. J. Kochetkova (“Yugtransgaz”, Russian Federation) – “Parameters of structural traps containing industrial accumulations of coal methane”

13.00 – 14.30 – LUNCH

14.30 – 16.30 – Technical visit to VNIMI Institute.

17.00 – 18.30 – Technical visit to St. Petersburg’ Mining University

19.00 – Dinner

FRIDAY, 22 September 2006

10.00 – 11.50 – Round Table – Utilisation of high-quality and low-quality mine methane

Co-Chairmen: Mr. N. STORONSKY (PROMGAZ) and Mr. P. SOOT (Canest LLC, USA)

10.00 – 10.20 - Mr. N. Storonsky (PROMGAZ) - “Use of CMM for energy production”

10.20 – 10.40 – Mr. B. Gryaduschy (“DONUGI”, Ukraine) – “Diversification of coal-producing enterprises for sustainable coal industry development”

10.40 – 11.00 – Messrs. E. Kunz and H. Meiners (DMT, Germany) – “Evaluation of the gas potential (CBM, CMM) of coal deposits and of the utilization”

11.00 – 11.20 – Mr. Peet Mati Soot (Canest LLC, USA) – “Coal Mine Methane (CMM) Utilization Options and the Planning of CMM Projects”

11.20 – 11.45 – Coffee break

11.45 – 13.00 – General discussion, conclusions and recommendations, closing of Workshop

13.00 – 14.30 – Lunch

15.00 – 19.00 – Sightseeing tours

19.00 – Dinner

SATURDAY, 23 September 2006

Sightseeing tours

Departure of participants