Annual Activity Report

14th Session of the Group of Experts on Coal Mine Methane
Geneva, 7-8 November 2019
Presidium of ICE-CMM Poland

Each of the host institutions of the Center has appointed a representative to the ICE-CMM Presidium:

Łukasz Kroplewski – Chairman
Polish Oil and Gas Company (PGNiG)

Zbigniew Lubosik PhD – Member
Central Mining Institute (GIG)

Janusz Jureczka PhD – Member
Polish Geological Institute - National Research Institute (PIG-PIB)

Piotr Kasza PhD – Member
Oil and Gas Institute - National Research Institute (INiG-PIB)
ICE-CMM Poland Headquarter

The Chamber of the Natural Gas Industry Office
Kasprzaka 25 St., 01-224 Warsaw, Poland

ICE-CMM has a separate bank account and accounting.
It operates on the basis of the Rules and Regulations of the International Center of Excellence on Coal Mine Methane of The Chamber of the Natural Gas Industry.

The administrative support is currently provided by employees of the Chamber of the Natural Gas Industry and the founding member Institutions.
Debate: Conventional and Unconventional Gas as Destination Fuel for the Green Economy
Katowice, December 10th 2018
24th Conference of the Parties to the United Nations Framework Convention on Climate Change – COP 24

Debate: Conventional and Unconventional Gas as Destination Fuel for the Green Economy

Katowice, December 10th 2018

Moderator:
• Mr. Scott Foster - Director, Sustainable Energy Division, United Nations Economic Commission for Europe (UNECE)

Speakers:
• Mr. Torstein Indrebo – Vice-Chair, UNECE Group of Experts on Gas, Norway
• Mr. Olaf Martins – Global Engagement Manager, International Association of Oil&Gas Producers (IOGP), UK
• Dr Tim Moore – Adjunct Associate Professor at the School of Earth, Environmental and Biological Sciences Queensland University of Technology, Australia
• Mr. Raymond C. Pilcher – Chair, UNECE Group of Experts on Coal Mine Methane, USA
• Mr. Piotr Woźniak – CEO and President of the Management Board, Polish Oil and Gas Company (PGNiG SA); Poland
• Mr. Jin Zhixin – Vice President, General Manager, Shanxi Coking Coal Group Co., Ltd., International Centre of Excellence on Coal Mine Methane in China; China
Technical visit in Silesian Region for representatives from Group of Experts on CMM and ICE-CMM China

Review of CBM projects implemented in Poland

December 11th  2018
Publication of the Polish translation of
Best Practice Guidance for Effective Methane Drainage and Use in Coal Mines
January 2019

Poradnik dobrych praktyk w zakresie skutecznego odmetanowania i wykorzystania metanu w kopalniach węgla

Wydanie drugie
Grudzień 2016

Tabela 1. Najpoważniejsze wypadki związane z wybuchami w kopalniach węgla po 2010 roku

<table>
<thead>
<tr>
<th>Data wypadku</th>
<th>Miejsce</th>
<th>Czas</th>
<th>Producent</th>
<th>Władze</th>
<th>Śmiertelność</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 marca 2013</td>
<td>Ełk</td>
<td>30</td>
<td>Ełk</td>
<td>2</td>
<td>32</td>
</tr>
<tr>
<td>20 marca 2013</td>
<td>Nowa Kolejka</td>
<td>30</td>
<td>Nowa Kolejka</td>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td>21 stycznia 2016</td>
<td>Wilcza</td>
<td>28</td>
<td>Wilcza</td>
<td>2</td>
<td>26</td>
</tr>
<tr>
<td>15 maja 2016</td>
<td>Wielkie</td>
<td>40</td>
<td>Wielkie</td>
<td>40</td>
<td>101</td>
</tr>
<tr>
<td>3 maja 2016</td>
<td>Miejska</td>
<td>24</td>
<td>Miejska</td>
<td>24</td>
<td>24</td>
</tr>
</tbody>
</table>

Wybór wypadków węglowych [Praca staro–nowa Tabela]

Tabela 2: Ważne wypadki w kopalniach węgla po 2010 roku, zgodnie z opracowaniem [Praca staro–nowa Tabela].

W przypadku wypadków w kopalniach węgla po 2010 roku, zgodnie z opracowaniem [Praca staro–nowa Tabela].

Pozostałe informacje zawarte w dokumentacji przepisów w Polsce.

Poradnik dobrych praktyk w zakresie skutecznego odmetanowania i wykorzystania metanu w kopalniach węgla.

Wydanie drugie
Grudzień 2016

Poland
ICE-CMM

Operating under auspices of the UNECE Group of Experts on Coal Mine Methane
School of Underground Mining
International Mining Forum – Coal Mine Methane
as a Valuable Energy Source
Cracow, Poland, February 25-27th 2019
PGNIG and PGG (Polish Mining Group) have signed an agreement regarding the pre-operational extraction on coal bed methane (CBM)

Cracow, Poland, 27 lutego 2019 r.

The works will be carried out on the Bielszowice Coal Mine
Speakers from ICE-CMM:

- PGNiG: Piotr Woźniak, Łukasz Kroplewski
- PIG-PIB: Janusz Jureczka, Jerzy Hadro
- INiG-PIB: Piotr Kasza
- GIG: Henryk Koptoń, Arnold Przystolik, Eugeniusz Krause, Jacek Skiba, Bartłomiej Jura

Presentations:

- Overview of Ventilation Characteristics, Practices, and Regulations in Poland
- Geo-Methan Project
- Polish Regulatory Framework on CMM/CBM; Estimating CMM Resources and Reserves – Polish Experience
- Polish Mine Safety Regulations Concerning Methane Hazard Prevention
Speakers from ICE-CMM:
• Mr. Łukasz Kroplewski
• Mr. Janusz Jureczka
Workshop on Best Practices in Coal Mine Methane Capture and Utilization
Ankara Turkey, June 10th 2019
Workshop on Best Practices in Coal Mine Methane Capture and Utilization
Ankara Turkey, June 10th 2019

Speakers from ICE-CMM:
• PGNiG: Łukasz Kroplewski
• PIG-PIB: Janusz Jureczka
• INiG-PIB: Piotr Kasza
• GIG: Henryk Koptoń, Jacek Skiba

Presentations:
• CBM Gilowice Project – Overview, the Applied Fracturing Technology, and the Obtained Results
• Designing of the Coal Panels with High Concentration of Coal Extraction in Strongly Gaseous Coalbeds
• Methane Hazard Prevention in the light of Polish Mine Safety Regulations
• New Directions in R&D in order to Decrease Methane Hazard and to Increase CMM Capture - Based on GIG Experience
• Monitoring, Assessment, Prevention and Mitigation of Rock Burst and Gas Outburst Hazards in Coal Mines (based on MapROC project)
• Prediction and Mitigation of Methane Explosions Effects for Improved Protection of Mine Infrastructure and Critical Equipment
3rd International Coal Conference

Ukrainian Coal Mining Industry in the Times of Decarbonisation

Workshop on Best Practices in Coal Mine Methane Capture and Utilization

Dnipro Ukraine, June 12–13th 2019
3rd International Coal Conference
Ukrainian Coal Mining Industry in the Times of Decarbonisation
Workshop on Best Practices in Coal Mine Methane Capture and Utilization
Dnipro Ukraine, June 12 – 13th 2019

Speakers from ICE-CMM:
• PGNiG: Łukasz Kroplewski
• PIG-PIB: Janusz Jureczka
• INiG-PIG: Piotr Kasza
• GIG: Henryk Koptoń, Jacek Skiba

Presentations:
• ICE-CMM in Poland: Structure, Activities and Achievements
• CBM Gilowice Project – Overview, the Applied Fracturing Technology, and the Obtained Results
• Designing of the Coal Panels with High Concentration of Coal Extraction in Strongly Gaseous Coalbeds
• Methane Hazard Prevention in the light of Polish Mine Safety Regulations
• New Directions in R&D in order to Decrease Methane Hazard and to Increase CMM Capture - Based on GIG Experience
• Monitoring, Assessment, Prevention and Mitigation of Rock Burst and Gas Outburst Hazards in Coal Mines (based on MapROC project)
• Prediction and Mitigation of Methane Explosions Effects for Improved Protection of Mine Infrastructure and Critical Equipment
10th International Forum on Energy for Sustainable Development
7-8 October 2019, UN Conference Center, Bangkok

Participants from ICE-CMM Poland:
Janusz Jureczka (PIG-PIB)
Łukasz Kroplewski (PGNiG)
XXVI International Scientific and Technical Conference „Mining Natural Threats 2019”

Session ICE-CMM Poland

6-8 November 2019 r., Poland (Jaworze k. Bielska Białej)

Participants from ICE-CMM Poland:
Zbigniew Lubosik (GIG)
Piotr Kasza (INiG-PIB)
The approaching activities of ICE-CMM Poland

- Seminar at the School of Underground Mining, Methane Session, February 2020, Cracow, Poland (organisation)
- Best Practice Guidance for Effective Methane Drainage and Use in Coal Mines – dissemination of the polish translation on the website / sales
- Ongoing Promotional activities of Best Practice Guidance for Effective Methane Drainage and Use in Coal Mines – throughout 2019
- Translation and publication of the Polish version of the AMM best practice guide, 2020
- Two day workshop promotional Coal Mine Methane Capture and Utilization, 2020, Vietnam.
- Two day workshop on methane capture and use Silesian Region, Poland, June 2021 (organisation)
- Regular update of ICE-CMM website (www.igg.pl/ICE-CMM)
Thank you for your attention