



European Commission
DG Research & Innovation
D4 - Research Fund for Coal and Steel



Workshop 26-27th May
Hydrogen Oriented Underground Coal Gasification for Europe
– Environmental and Safety Aspects – HUGE2

Central Mining Institute
Day 2: May 27th, 2014

Tuesday, May, 27th

- 10:00-10:10 Introduction by CMI
- 10:10-10:40 Ex-situ and in-situ UCG trials – K. Kapusta, Central Mining Institute
- 10:40-11:00 Application of GPR and micro-gravimetric techniques for monitoring of Underground Coal Gasification – A. Kotyrba, Central Mining Institute
- 11:00-11:20 Coffee break
- 11:20-11:40 Formation and toxicity of UCG water contaminants – M.Pankiewicz, Central Mining Institute
- 11:40-12:00 Transport phenomena in the surrounding area of the georeactor – O. Solcova, Institute of Chemical Process Fundamentals of the ASCR, v.v.i.
- 12:00-12:30 Safety aspects and technical risk assessment – R. Farret, Institut National de l'Environnement Industriel et des Risques
- 12:30-12:50 Current world experience in ucg environmental monitoring and risk assessment – M. Green, UCG Engineering Ltd
- 12:50-14:15 Lunch
- 14:15-14:35 Application and testing of an inspection system for cavern observation – D. Nowak, Central Mining Institute
- 14:35-15:00 Reactive barriers as a way of leakage protection – J. Grabowski, Central Mining Institute
- 15:00-15:30 Discussion and closing remarks