

**International Exchange of Experience in
Underground Coal Gasification Technologies (UCG)
and Sustainable Energy Development**

**12-13 November 2007
Almaty, Kazakhstan
Hotel “Ankara InterContinental”**

PROVISIONAL PROGRAMME

1. Opening of the session.
2. Opportunities and challenges for clean coal technologies
3. World experience on Underground Coal Gasification Technology
4. UCG for Central Asia.
5. Conclusions and Recommendations.

Co-organized by:
Joint Stock Company “BankTuranAlem”, Kazakhstan
United Nations Department of Economic and Social Affairs

Provisional Programme

12 November, 2007

9:00 – 9:50

1. Opening of the session.

- Welcoming speech (BankTuranAlem President)
- Keynote address (Vice Minister of Environmental Protection)
Energy and Sustainable Development: Kazakhstan's features.
- Keynote address (Officer-in Charge, UNDP, Steliana Nedera)

9:50 – 10:45

2. Opportunities and challenges for clean coal technologies

- Speaker 1 (UNDESA, Badaker)
Clean coal technologies and sustainable energy development
- Speaker 2 (Ministry of Energy and Mineral Resources)
Government policies incentives and objectives related to sustainable energy development
- Speaker 3 (TuranAlemBank)
Innovation Project in Kazakhstan, role of private investors in development of new generating capacities

10:45 – 11:00

Coffee break

11:00 – 12:30

3. World experience on Underground Coal Gasification Technology

- Speaker 1: (Michael Blinderman, Ergo Exergy Technologies, Inc)
Current trends and patterns of UCG technologies. Overview of South African Project experience
- Speaker 2: (Brett Wilcox, USA)
Technical, environmental, and economic aspects of UCG technology. Developments in USA.
- Speaker 3: (Leonard Walker, Cougar Energy, Australia)
The development and future of Underground Coal Gasification in the Australian Region

12:30 – 14:00

Lunch time

14:00 – 15:30

3. World experience on Underground Coal Gasification Technology (continuation)

- Speaker 4: (Ivan Saptikov, Uzbekistan)
UCG technology in Uzbekistan: from Soviet time till now
- Speaker 5 (Saimon Maev, Laurus Energy, Canada)
UCG projects in Canada: success, obstacles and perspectives
- Speaker 6 (Efim Kreinin, PromGas, Russia)
Scope and prospects of new UCG technologies

15:30 – 16:00

Coffee break

16:00 – 17:00

- Speaker 7 (Mr. Zhou Shaolei, China)
China's UCG projects
- Speaker 8 (Mr. B.K. Sharma, India)
India's experience on UCG

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9:30 – 11:30

4. UCG for Central Asia.

- Speaker 1 (Ministry of Environmental Protection)
Coal and Environmental Aspects in Kazakhstan
- Speaker 2 (KaragandaGiproShaht Institute)
Perspective of UCG technologies in Kazakhstan
- Speaker 3 (Michael Blinderman)
UCG potential in Central Asia – view from the western hemisphere
- Speaker 4 (BankTuranAlem)
TuranAlem's vision of UCG potential in Central Asia

11:30 – 12:00

Coffee break

12:00 – 13:00

5. Conclusions and Recommendations.

Panel discussions with participation of the representatives from the government as well as from private business and academia. Discussion of the workshop recommendations.

13:00 – 14:30

Lunch time

14:30 – 16:00

Discussions related to UCG technology. Questions and answers

Adoption of the workshop conclusions and recommendations

19:00 – 21:00

Reception