



NATIONS UNIES
COMMISSION ÉCONOMIQUE
POUR L'EUROPE

ОБЪЕДИНЕННЫЕ НАЦИИ
ЭКОНОМИЧЕСКАЯ КОМИССИЯ
ДЛЯ ЕВРОПЫ

UNITED NATIONS
ECONOMIC COMMISSION
FOR EUROPE

Preliminary Programme

**First UN ECE seminar on Clean Coal Technologies for Air Quality Management in the
Central Asian countries
10-12 November 2004 – Almaty, Republic of Kazakhstan, Almaty**

Wednesday 10 November

14:00-14:30 Registration

14:30-15:00 Opening

- Welcome address of organizing committee
- Introduction of participants
- Approval of the agenda
- Election of chairman
- Presentation of the project “Capacity Building for Air Quality Management and the Application of Clean Coal Combustion Technologies in Central Asia” (UN ECE regional advisers E. Nadezhdin and Bo Libert)
- Discussion of the project document

15:00-15:20 Coffee break

15:20-17:00 Presentations of national coordinators on coal utilization in Central Asian countries: production and consumption, environmental impact of coal combustion.

15:20-15:40 National consultant Yuri Simakov (Kyrgyzstan)”: Coal utilization in Kyrgyzstan”

15:40-16:00 National consultant Vitali Agarin (Kyrgyzstan): “Coal utilization in residential heat supply system”.

16:00-16:20 National consultant Ahmet Djundubaev (Kyrgyzstan): “Problems and prospects of coal utilization in thermal engineering of Kyrgyzstan”.

17:00-18:00 Discussion.

Thursday 11 November

9:00-10:00 Presentation of an analytical review of international consultant Prof. Garegin Aslanyan “Clean coal technological options for preventing air pollution”

10:00-11:20 Presentation of an analytical review of international consultant Leon Kyrzabinski “Pre-combustion coal preparation technologies applicable for air quality management”.

11:20-11:40 Coffee break

11:40-12:30 Presentation of an analytical review of international consultant Miroslav Wallis “Post-combustion flue gas cleaning”.

12:30-13:00 Discussion

13:00-14:30 Lunch

14:30-15:30 Presentation of an analytical review of international consultant Prof. Garegin Aslanyan “Environmentally clean and cost-effective coal combustion technologies for electricity generation”.

15:30-16:00 Discussion

16:00-16:30 Coffee break

16:30-17:30 Presentation of international consultant Sergey Molodtsov “Prospects and environmental benefits of clean and cost-effective coal technologies implication in Central Asia”.

17:30-18:00 Discussion

Friday 12 November

9:00-10:00 Presentations of national experts on coal resources and reserves in Central Asian countries: coal characteristics by coal mines, quality of coal reserves, current and forecasting volumes of production.

9:00-9:20 National consultant Kadyrbek Kakitayev (Kyrgyzstan): “Characteristics of main coal mines of Kyrgyz Republic”.

10:00-11:00 Presentations of national experts on air pollutant emissions from coal fired power plants: level of pollutant emissions (SO_x, NO_x, particulates), norms and standards of air quality management.

10:00-10:20 National consultant Michael Bykhman (Kazakhstan): “Coal combustion efficiency with low level of air pollutant emissions in Kazakhstan”.

10:20-10:40 National consultant V.Messerle (Kazakhstan): “Plasmaenergy technologies of solid fuels utilization”.

11:00-11:20 Discussion

11:20-11:40 Coffee break

11:40-13:20 Presentations on current state and prospects of inter-regional cooperation among Central Asian countries and cooperation with other countries on Clean Coal Technologies development (national coordinators, consultants and experts).

13:20-14:00 Discussion on main results and findings of the seminar, approval of the protocol and recommendations on further steps in project implementation.

Other presenters from Central Asia will be identified later