



Convention on Long-range Transboundary Air Pollution

International Air Monitoring, Data, Reporting and Environmental Effects

17-19 October 2006, Almaty, Kazakhstan

Venue: Kargalinskii Sanatorium
Organizer: United Nations Economic Commission for Europe
Financial support: UN Development Account

v. 18/9/06

Background

Three workshops are planned for 2005-2006 within the framework of the project “Capacity Building for Air Quality Management and the Application of Clean Coal Combustion Technologies in Central Asia” (CAPACT). The Secretariat of CLRTAP has decided to make additional funding available for the participation of experts from other EECCA countries as a response to the needs identified in the region¹.

The first workshop covered the subject of Air quality management and the international legal framework, and the national implementation of CLRTAP Protocols. This second workshop on International Air Monitoring, Data, Reporting and Environmental Effects will cover the basis for decision making: emission inventories, air quality monitoring and modelling as well as monitoring and modelling of air pollution effects.

Day 1 (17th October, Tuesday)

12.00 -13.00 Lunch and registration

13.00 -15.00 **Session 1. Joint opening session**

- Introduction: The UNDA Project, Workshop Programme (Bo Libert, UNECE)
- Introduction: The TACIS Workshop
- Air quality management in Kazakhstan: Progress of the national programme (Nurken Bultekov, Kazhydromet, Irina Yesserkepova, KazNIIIEK)
- CLRTAP Protocols (Lars Nordberg, Sweden)

Coffee break

15.30 -17.30 **Session 2. Monitoring of atmospheric concentrations and deposition**

- The EMEP air quality monitoring network and strategy (Wenche Aas, CCC)
- The EMEP manual for sampling methods and strategies (Wenche Aas, CCC)
- Expansion of the EMEP network and ratification of the EMEP Protocol (Country representatives)

18.30 Reception

¹ See the document EB.AIR/WG.6/2004/1 developed by the Secretariat on the request of the Executive Body and the Working Group on Strategies and Review of the Convention on Long-range Transboundary Air Pollution, on the basis of replies to a questionnaire, identifying the obstacles faced by the EECCA countries in implementing the Convention and its recent protocols and their needs for technical assistance.

Day 2 (18th October, Wednesday)

09.00-10.30 Session 3. Emission inventories, projections and reporting

- The reporting framework and requirements under the Convention (compliance and review issues): (Ms. Brinda Wachs, Convention secretariat)
- National reporting systems - examples from Belarus and Ukraine: (Ms. Irina Komosko, Belarus, Ms. Tatyana Kozlenko, Ukraine)

Coffee break

11.00 – 12.30 Session 3. Emission inventories, projections and reporting, continued

- Emission inventories as a policy instrument: (Lars Nordberg, Sweden)
- Status of emission inventories in EECCA countries: bottlenecks and needs for capacity building (Country representatives)

12.30 - 13.30 Lunch

13.30-15.45 Session 4. Atmospheric modelling

- Modelling atmospheric processes and transport - MSC-East model - including the use of emission data from inventories and models (Ilya Ilin, MSC-East)
- Modelling atmospheric processes and transport - unified EMEP model (Hilde Fagerli, MSC-W)
- Atmospheric modelling and policy making (Lars Nordberg, Sweden)

Coffee break

16.15 – 17.00 Session 5. Air pollution effects: Monitoring and modelling

- Monitoring of effects: the observation networks of International Cooperative Programmes (ICP) on materials and ecosystems (multiple pollutants and multiple effects) (Heinz Gregor, Germany)

18.00 Dinner

Day 3 (19th October, Thursday)

09.00 – 10.15 Session 5. Air pollution effects: Monitoring and modelling, continued

- The WHO Framework Plan for development of monitoring of particulate matter in EECCA (Hans-Guido Mucke, Germany)
- Modelling of effects: modelled impacts on ecosystems, materials and human health
Critical loads and levels: data, methods and links to integrated assessment modelling, (Heinz Gregor, Germany)

Coffee break

10.45 – 11.30 Session 6. Integrated assessment modelling

- The link between policy making and modelling (Ilya Ilin, MSC-East, Heinz Gregor, Germany, Lars Nordberg, Sweden)

11.30 – 12.30 Session 7. Meeting conclusion and resolution

Lunch

After lunch – TACIS Project Workshop