Green Week 2013

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Total emissions of air pollutants (sum of SOx, NOx, TSP, and CO) in EU-27, Russian Federation and EECCA countries in 2010 (thousand tons)

Source: UNECE CLRTAP CEIP, EMEP
Total emissions of air pollutants of the Russian Federation 25995 thous.tons – 56% of the total emissions of the EECCA region

Source: UNECE CLRTAP CEIP, EMEP
Main problems in the area of atmospheric air protection:

- Impact of transport and industrial emissions on human health in cities and in certain industrial centers
- Impact of air pollutant deposition on vegetation and ecosystems
- Impact of air pollution on materials and cultural heritage
UNECE Convention on Long-range Transboundary Air Pollution is an efficient tool in addressing air pollution problems in the region.

Under the Convention relevant activities in the EECCA region facilitated by the EECCA Coordinating Group lead by the Russian Federation.
The Coordinating Group formulated objectives in the area of atmospheric air protection for the EECCA countries:

• Introduction of national emissions inventory systems harmonized with international standards;

• Establishment of national emissions database integrated with international informational systems;

• Implementation of national emissions management systems based on best available techniques.
The Coordinating Group formulated objectives in the area of atmospheric air protection for the EECCA countries:

- Implementation of the impact assessment of long-range and regional transport of air pollution on vegetation, ecosystems and materials;

- Implementation of national cost assessment systems and development of optimal emissions control scenarios;

- Development of national air quality monitoring systems
The following actions will help in solving the identified problems:

- Development and implementation of regional air protection programmes and projects in the context of the regional and international cooperation;

- Development and implementation of the joint EU-EECCA Air protection programme;

- Establishment of a Regional Scientific and Methodological Coordinating Centre with branches covering all EECCA countries;
The following actions will help in solving the identified problems (cont.):

- Establishment of national air quality expert training systems;
- Translation of the EU Guidance documents and policies on atmospheric air protection into the Russian language;
- Organization of the Annual joint EU-EECCA Conference on atmospheric air protection;
- Publishing of the Journal on atmospheric air protection topics in Russian and English
Steps already undertaken:

• EMEP/EEA Air Emission Inventory Guidebook translated into the Russian language;

• Approbation of the Guidebook application on a Russian region is in progress;

• Recommendations on national emissions database development in the Russian Federation within the framework of the EU project “Air quality management” (work in progress);
Steps already undertaken (cont.):

- Linking the UNECE and the UNESCAP regions
- Project “Review of existing and required capacities for addressing adverse environmental impact of transboundary air pollution in North-East Asia”
- Implemented in 2011-2012 under the UN Economic and Social Commission for Asia and the Pacific’ North-East Asian Subregional Programme for Environmental Cooperation (NEASPEC)
- In Cooperation with the Russian Federation, China, Japan, Republic of Korea and Mongolia,
Steps already undertaken (cont.):

- The law on national emissions management systems based on BAT passed the first reading in the State Duma of the Russian Federation;

- GAINS model approbation conducted for the assessment of national development plan for the energy sector in the European part of the Russian Federation;

- Maximum allowable concentrations for vegetation and critical loads for ecosystems developed for a number of regions of the Russian Federation;

- Approved the European methodology for estimating the costs of emissions reductions required to meet obligations of the Gothenburg Protocol to the largest power station in the north of the Russian Federation;
Steps already undertaken (cont.):

- Within the framework of the Eurasian Economic Community (Russia, Kazakhstan, Kyrgyzstan, Belarus and Tajikistan):
  * SRI Atmosphere, JSC (St.Petersburg, Russia) is appointed to serve as the Regional Scientific and Methodological Center;
  * The regional programme "Clean Air in Eurasia" is under development;

- St.Petersburg International Air Congress “Atmosphere“ with participation of officials from EECCA countries is held annually
Next steps:

We offer to discuss the draft EU-EECCA regional air protection programme at the senior officials meeting supported by the EU and the Russian Federation in December 2014 in Geneva within the UNECE CLRTAP context.
THANK YOU FOR YOUR ATTENTION!