

Agenda and introduction to the session

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Why these meetings?

- Air pollution is still a problem in large parts of Europe
- "New" knowledge on impacts from air pollution increase the need to reduce emissions
- EECCA countries with fast growing economies risks to increase emission levels
- Increased national interest and more active international participation is needed from EECCA countries to ensure good air quality in Europe

CLRTAP – current developments

- Executive body meeting in Dec 2011 discussed protocol text and annexes.
- The EB meeting in 30 April – 4th of May need to reach an agreement on a revised GBG protocol
 - Emission reduction targets must be agreed
 - Some of the delay times for implementation of emission limit values for existing installations must be agreed

CLRTAP – current developments

- National pledges on emission reductions are needed before or during the meeting of the Executive Body
- Countries need to make sure that they can meet the reduction obligations
 - considering delayed implementation of Emission Limit Values and
 - expected growth in emission precursor activities
- All past meeting documentation available in Russian at: <http://www.unece.org/environmental-policy/treaties/air-pollution/meetings-and-events/air-pollution/executive-body.html>

CLRTAP – current developments

- EU preliminary pledge relative to emissions 2005
 - SO₂: 55 % reduction
 - NO₂: 40 % reduction
 - NH₃: 5 % reduction
 - NMVOC: 25 % reduction
 - PM_{2.5}: 20 % reduction
- GAINS model business as usual scenario for Russia, Belarus and the Ukraine, reduction relative to emissions 2005

	Russia	Belarus	Ukraine
– SO ₂ :	7 %	-5 %	-3 %
– NO _x :	31 %	10 %	28 %
– NH ₃ :	-4 %	-24 %	-13 %
– NMVOC:	24 %	12 %	25 %
– PM _{2.5} :	-4 %	0 %	4 %

Source: CIAM report 4 / 2011

Atmosfera Air Quality Conferences

- Was started in mid 90:ies
- Russian / English international side events
- The conference provides opportunities for new research to be communicated and for decision makers to be up to date with latest knowledge
- This is the 4th international session

Lessons learned / Previous conclusions

- Increased co-ordination between governmental agencies and other organisations are important for successful implementation of air quality protection
- It is important with a continued dialogue and exchange of experiences and cooperation between EECCA countries

Lessons learned / Previous conclusions

- There is a need for international technical support and technical assistance in continued EECCA country efforts to harmonise national activities related to air pollution
- Proposed areas for international collaboration include technical training with respect to:
 - procedures for data collection
 - assessment and validation according to the formats of the convention
 - corresponding procedures for the GAINS model
 - GAINS-online model training
- There are useful tools and international expert groups available for scientific collaboration and national policy decision support
 - The GAINS model
 - The EGTEI
 - The open source EMEP model

Agenda topics

- National perspectives on air pollution, examples from France and Italy
- Health effects of air pollution – general issues and case of the peat fires in Moscow 2010
- GAINS considerations – air emission inventories and data completeness
- EMEP air pollution dispersion modelling

Agenda topics

- Results from co-operation projects
 - Russia / Sweden phase II and III presentations
 - Belarus / Sweden phase I presentations
- EECCA coordinating group under the CLRTAP – potential for technical cooperation
- Discussion and conclusions
 - Including message from meeting participants
- Closure of the meeting

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