Workshop to Promote the Ratification of the Protocols on Heavy Metals, POPs and the Gothenburg Protocol across the Entire UNECE Region

**The Russian Federation and LRTAP Convention:**

current air emission trends, related statistics and actions towards HM, POPs and Gothenburg Protocols ratification

ALEXANDER ROMANOV, M.Sc.

26-28 October 2009, St. Petersburg, Russia
Presentation outline

- “Classic” pollutant emissions
- Heavy metals emissions
- “EECCA Project” as a framework for action
Russian Federation is a party to 3 first Protocols of the LRTAP Convention:
EMEP (1984),
SOx (1985),
NOx (1988)

Emissions of SOx, NOx, CO, NMVOC, NH₃ and PM (TSP) are reported (European territory only) consistently

Heavy metals (Cd, Pb, Hg) data have flaws

26-28 October 2009, St. Petersburg, Russia
“Classic” pollutant emissions: SO\textsubscript{x}
"Classic" pollutant emissions: NO\textsubscript{x}
“Classic” pollutant emissions: CO

26-28 October 2009, St. Petersburg, Russia
“Classic” pollutant emissions: NMVOC

26-28 October 2009, St. Petersburg, Russia
Heavy metals pollutant emissions: Cd
Heavy metals pollutant emissions: Pb

26-28 October 2009, St. Petersburg, Russia
Heavy metals pollutant emissions: Hg

26-28 October 2009, St. Petersburg, Russia
“EECCA Project”

- “Facilitating the ratification and implementation of the protocols of the Convention on Long-Range Transboundary Air Pollution in Eastern Europe and Central Asia: a joint project from the Russian Federation, Belarus and Kazakhstan (open invitation) in cooperation with UNECE
- Initiated in December 2008
- Inception stage promotion since June 2009
- Financial contribution of the MoFA of the Russian Federation via UNECE Technical Cooperation Fund (ongoing process)

26-28 October 2009, St. Petersburg, Russia
Objective - Intensification of the activities of partner countries concerning the joining to the CLRTAP Protocols with a view to decreasing the adverse effects of transboundary air pollution, in particular on human health and on ecosystems.

26-28 October 2009, St. Petersburg, Russia
“EECCA Project”: details

Expected accomplishments:
- To **identify** the common challenges in the field of atmospheric air protection that are faced by the EECCA and SEE countries
- To **establish** a regional expert network as the basis for EECCA and SEE countries cooperation under the Convention
- To **develop** national emission inventory reports and national action plans for joining the CLRTAP Protocols

26-28 October 2009, St. Petersburg, Russia
“EECCA Project”: details

Expected accomplishments:

- To **develop a** toolkit for analyzing the actual situation of EECCA and SEE countries with regard to the perspectives of joining to the CLRTAP Protocols
- To **carry out** an assessment of related costs and benefits of joining to the CLRTAP Protocols
- To **develop** national implementation plans on adaptation of tools and mechanisms developed under the Convention for solution of national atmospheric air protection tasks

26-28 October 2009, St. Petersburg, Russia
“EECCA Project”: details

Five stages:

- **Inception** – preparation of the project outline and kick-off event;
- **First stage** – expert network establishment, common challenges identification, experience sharing activities with Western and Eastern European countries – parties to the Protocols;
- **Second stage** – development of pilot emission inventory and national implementation plan,
- **Third stage** – national legislation analysis and amendments of required policies and procedures, cost-benefit analysis of joining to the Protocols
- **Fourth stage** – development of national implementation plans for all countries, conference for EECCA and SEE countries on lessons learned

26-28 October 2009, St. Petersburg, Russia
“EECCA Project”: details

Financial support required: 830 000 EUR

Timeframe of the project: December, 2009 – April, 2012

Interested countries are welcome to join!

26-28 October 2009, St. Petersburg, Russia
THANK YOU FOR YOUR ATTENTION!