

Scientific Research Institute for Atmospheric Air Protection
National Coordination Center for LRTAP Convention
Saint-Petersburg, Russia

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



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26-28 October 2009, St. Petersburg, Russia



Presentation outline

- ☉ “Classic” pollutant emissions
- ☉ Heavy metals emissions
- ☉ “EECCA Project” as a framework for action



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Basics

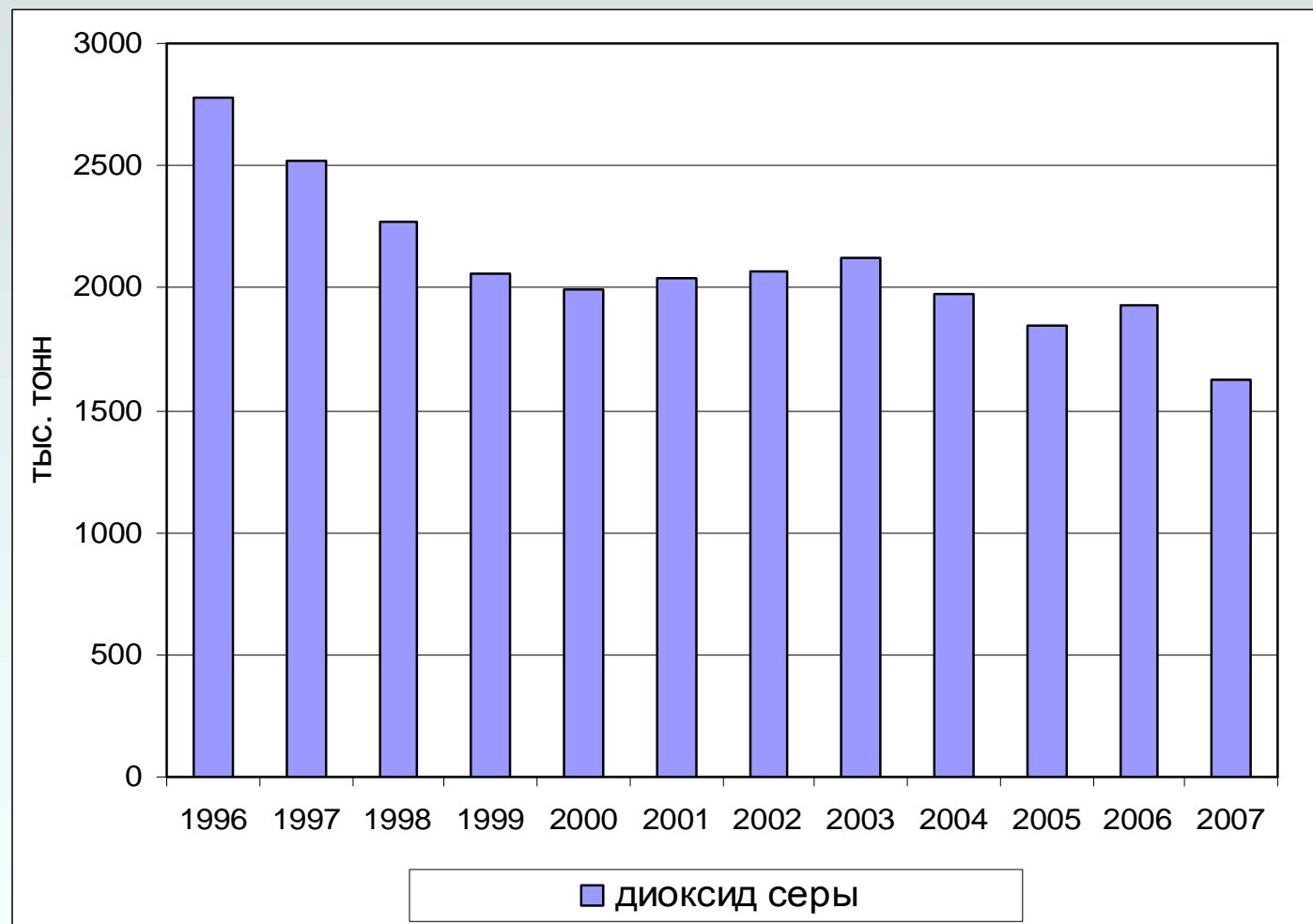
- ⌘ Russian Federation is a party to 3 first Protocols of the LRTAP Convention:
EMEP (1984),
SO_x (1985),
NO_x (1988)
- ⌘ Emissions of SO_x, NO_x, CO, NMVOC, NH₃ and PM (TSP) are reported (European territory only) consistently
- ⌘ Heavy metals (Cd, Pb, Hg) data have flaws



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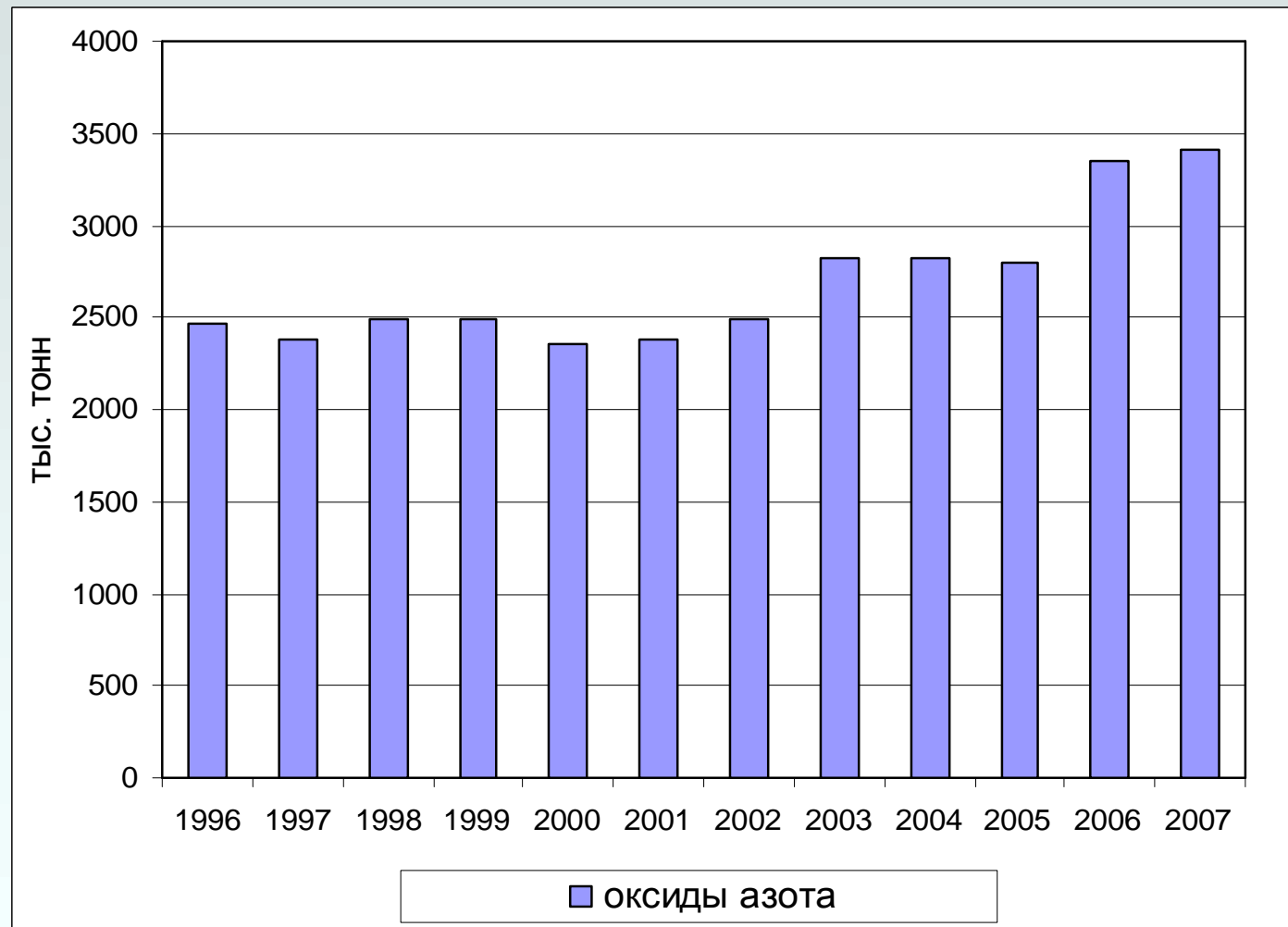
“Classic” pollutant emissions: SO_x



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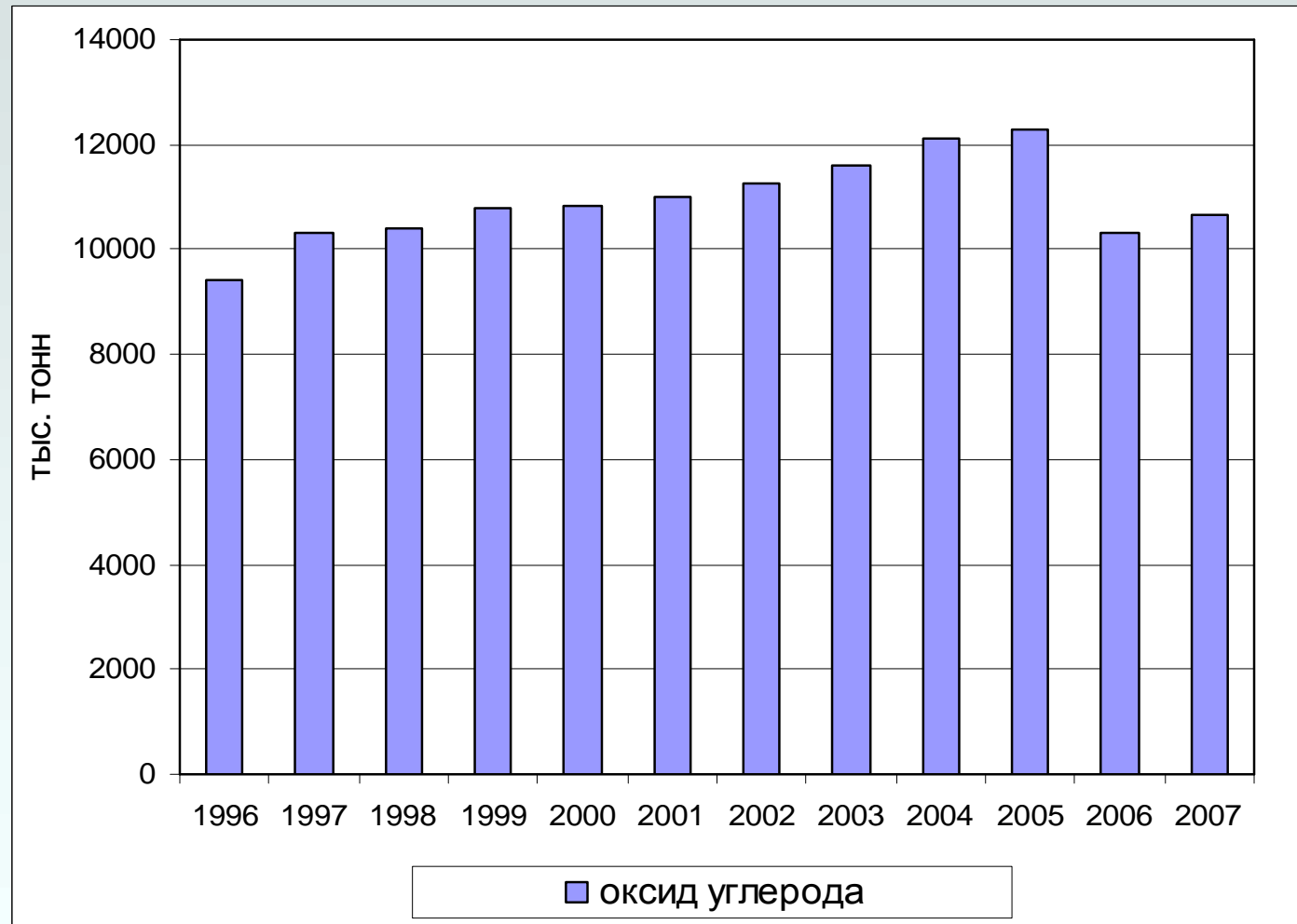
“Classic” pollutant emissions: NO_x



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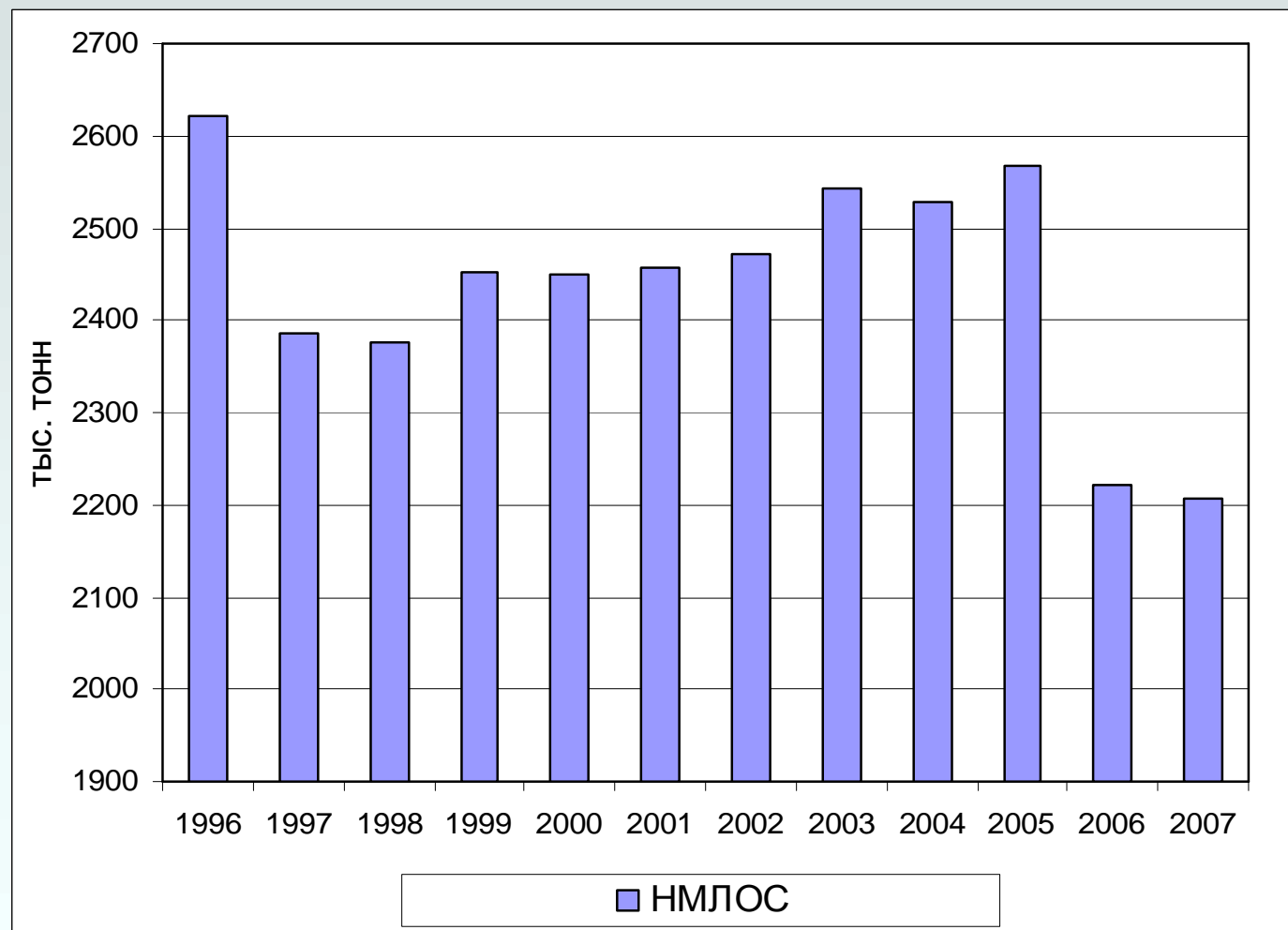
“Classic” pollutant emissions: CO



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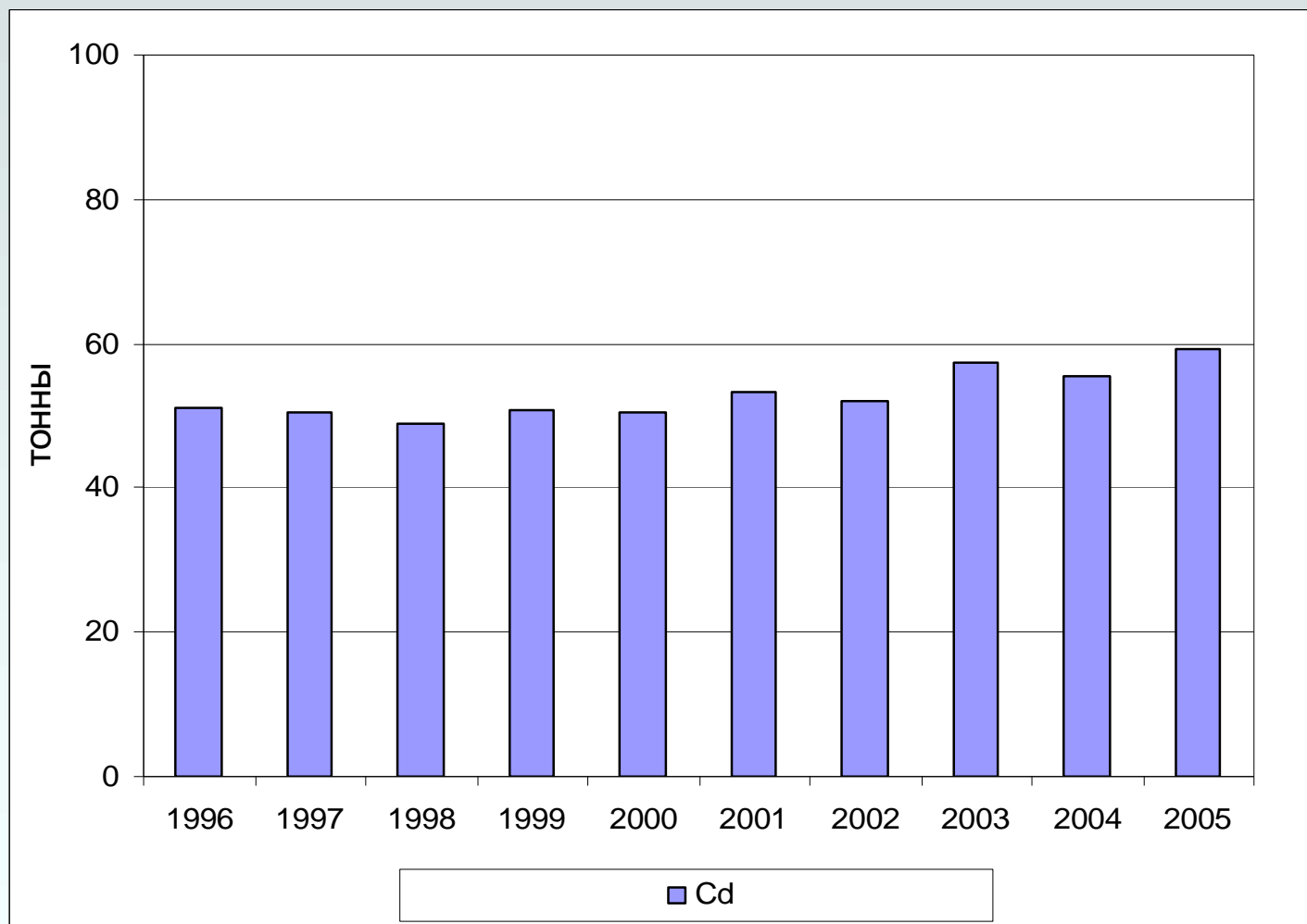
“Classic” pollutant emissions: NMVOC



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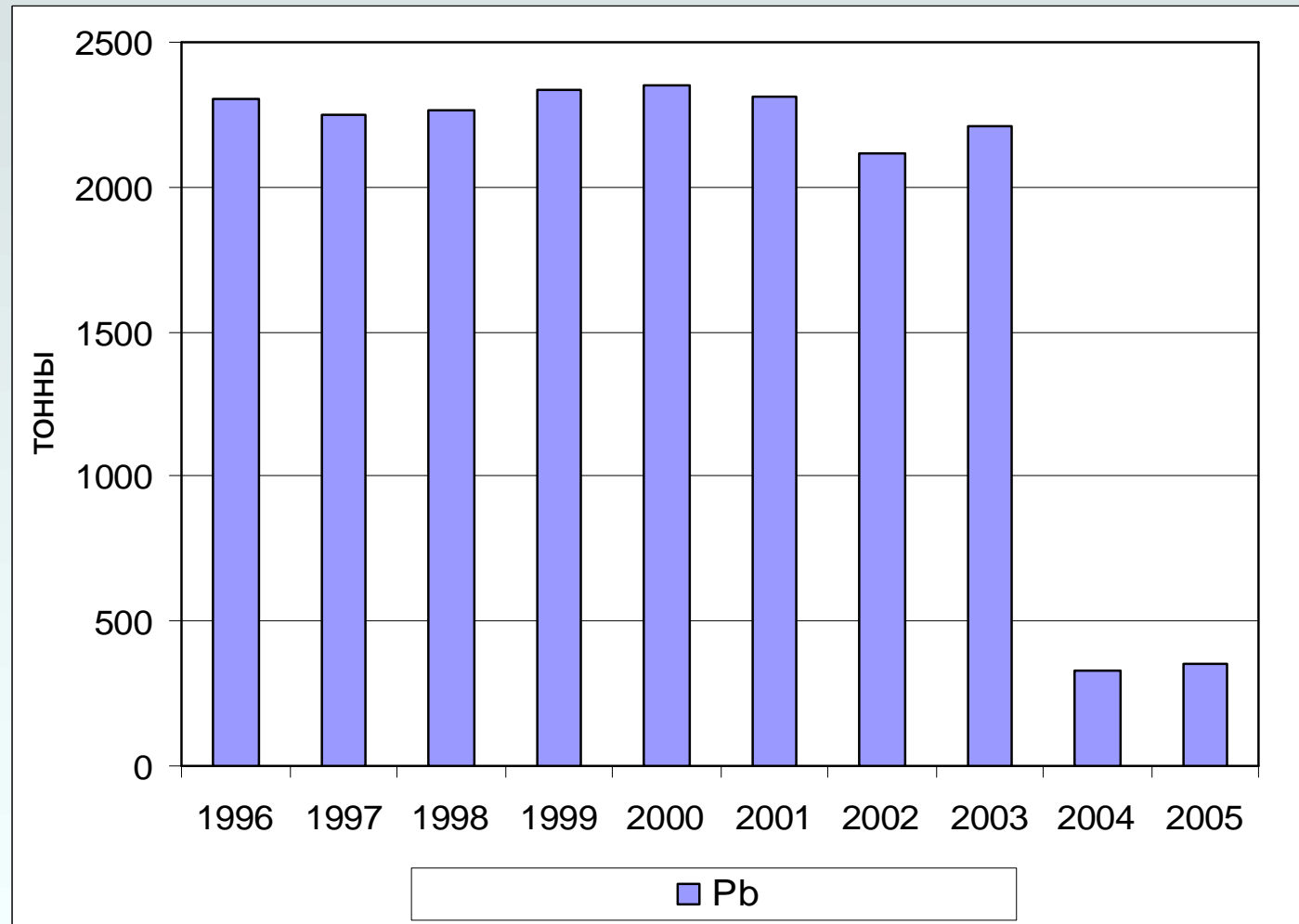
Heavy metals pollutant emissions: Cd



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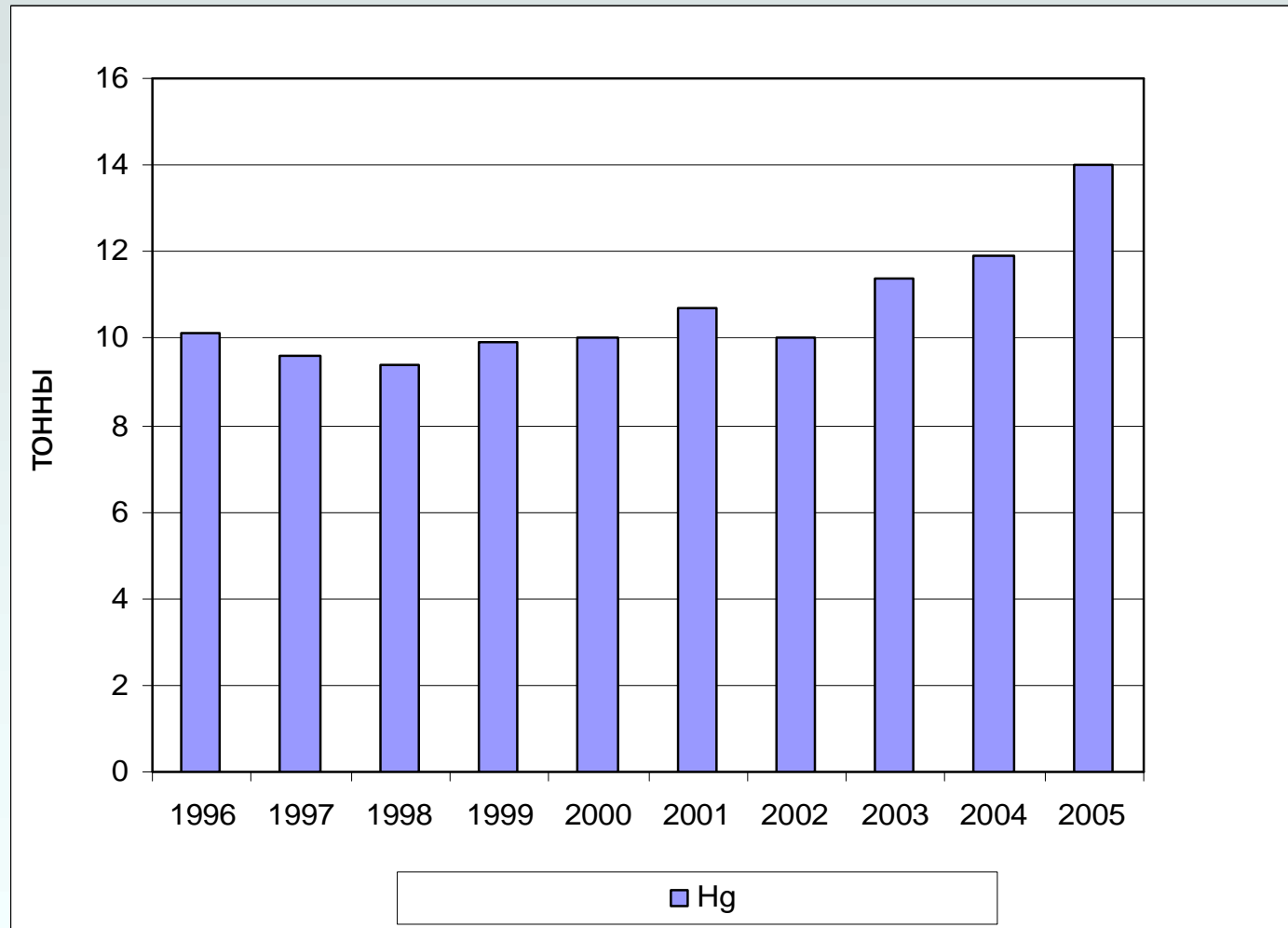
Heavy metals pollutant emissions: Pb



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Heavy metals pollutant emissions: Hg



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“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)



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“EECCA Project”: details

- ⌘ **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



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“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



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“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



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“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



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“EECCA Project”: details

Financial support required:
830 000 EUR

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

Interested countries are welcome to join!



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THANK YOU FOR YOUR ATTENTION!

