

Development of the Air Quality Monitoring System in St. Petersburg (AQM III)

Russian – Finnish Cooperation Project 2008-2009

Kick-off workshop

Programme

St. Petersburg, September 2-4, 2008.

<i>Tuesday 2 September</i>		
22.50	Arrival of the Finnish experts to Finliandsky station and transfer to the hotel Pribaltiyskaya	M. Korobeinikova
<i>Wednesday 3 September</i> <i>Workshop in the Environmental Education Center (Veselnaya st. 6)</i>		
9:30	Departure of the Finnish experts from the hotel	
10:00- 10:05	Opening of the workshop	Nikolay Sorokin
10:05- 10:25	Objectives and tasks for the 3 rd phase of the project on the Development of the Air Quality Monitoring System in St. Petersburg in 2008-2009	Ivan Serebritsky Katja Kaunismaa
<i>1. Cooperation on background air monitoring</i>		
10:25- 10:50	Background air monitoring stations. Options for reciprocal information exchange from background air monitoring stations	Ivan Serebritsky
10:50- 11:20	Content on background monitoring quality system and QA/QC procedures	Jari Walden



11:20- 11:40	Discussion <ul style="list-style-type: none"> - Training and workshops - Organization and equipment of the background air monitoring stations - Organizing PM-10 measurements at background stations Information exchange: composition of information and protocol of exchange <ul style="list-style-type: none"> - Expert exchange 	Ivan Serebritsky (moderator)
11:40-12:00 Coffee break		
2. Further development of methodology for the metrological support, Quality System and Quality Assurance of the air monitoring		
12:00- 12:25	Development of methodology for the metrological support of the air monitoring in St. Petersburg	Igor Khmylev
12:25- 12:50	QA/QC system for calibration laboratory and for field measurements. Internal quality control of VOC analysis at the FMI laboratory	Jari Walden Hannele Hakola
12:50- 13:10	Discussion <ul style="list-style-type: none"> - Trainings & workshops - Calibration practices for VOC measurements (comparison measurements) - Calibration laboratory in Mineral: calibration equipment, standards, standard protocols - Possible production of methodological publications under the project (SOP, Future development plan for QA/QC: according to the pollutants priorities) - An experience of using automatic calibrators - Staff exchange 	Igor Khmylev (moderator)
13:10- 14:30 Lunch		
3. Development of methodology for the air quality assessment by modelling of dispersion of pollutants in atmosphere		
14:30- 15:00	Modelling methods used in St. Petersburg for the assessment of environmental risk caused by air pollution.	Dmitry Frank-Kamenetsky
15:00- 15:30	Dispersion Modelling as tool to support city planning in Finland. Introduction of practical case examples.	Katja Loven



15:30-16:00	<p>Discussion</p> <ul style="list-style-type: none"> - Exchange of experience in comparison of air pollution level data obtained by modelling and measuring - Exchange of experience in methods of assessment of environmental impact caused by air pollution, in city planning - Familiarization with Finland experience in noise mapping - Expert exchange 	Dmitry Frank-Kamenetsky (moderator)
16:00-18:00	<p>Parallel workshops of working groups. Discussion and drafting of detailed descriptions/workplans for each project topic.</p> <p>WG1. Cooperation on background air monitoring</p> <p>WG 2. Further development of methodology for the metrological support, Quality System and Quality Assurance of the air monitoring</p> <p>WG 3. Development of methodology for the air quality assessment by modelling of dispersion of pollutants in atmosphere</p>	<p>Moderators: Ivan Serebritsky, Igor Khmylev</p> <p>Dmitry Frank-Kamenetsky</p>
18:30	Dinner	
<p>Thursday 4 September Workshop in the Environmental Education Center (Veselnaya st. 6)</p>		
9:30	Departure of the Finnish experts from the hotel	
10:00-10:30	Presentation of a detailed description/workplan, as well as anticipated results and prospects in cooperation on background air monitoring	Ivan Serebritsky,
10:30-11:00	Presentation of a detailed description/workplan, as well as anticipated results and prospects in further development of methodology for the metrological support, Quality System and Quality Assurance of the air monitoring	Igor Khmylev
11:30-12:00	Presentation of a detailed description/workplan, as well as anticipated results and prospects in development of methodology for the air quality assessment by modelling of dispersion of pollutants in atmosphere	Dmitry Frank-Kamenetsky,
12:00-13:00	Conclusions of the kick-off workshop, plans for the nearest future	Nikolay Sorokin
13:00-15:00	Lunch	
15:00	Departure of the Finnish participants (train at 16:34)	



List of participants
Kick-off workshop, the Russian – Finnish Project
on the Development of the Air Quality Monitoring System in St. Petersburg, 2008-2009
St. Petersburg, September 2-4, 2008.

Finnish Participants:

1.	Ms. Katja KAUNISMAA	The Baltic Institute of Finland, project coordinator / City of Tampere Administration
2.	Mr. Jari WALDEN	Finnish Meteorological Institute
3.	Mrs. Hannele HAKOLA	Finnish Meteorological Institute
4.	Ms. Katja LOVEN	Finnish Meteorological Institute
5.	Mr. Esa KOKKONEN	Director, The Baltic Institute of Finland
6.	Ms. Julia LIKHACHEVA	The Baltic Institute of Finland

Russian Participants:

Committee for Nature Use, Environmental Protection and Ecological Safety:

1.	Nikolay D. SOROKIN	Deputy Chairman
2.	Ivan A. SEREBRITSKY	Head of the Department for the State Regulation in the Field of Nature Use and Environmental Protection
3.	Dmitry A. FRANK-KAMENETSKY	Head of the Division for the State Regulation in Environmental Protection
4.	Igor V. KHYMLEV	Head of the Sector for the State Environmental Monitoring
5.	Marina A. KOROBENIKOVA	Head of the Division for International Cooperation and Environmental Education
6.	Victor N. BOKOV	Senior expert of the Sector for the State Environmental Monitoring
7.	Alexander I. ZAPOROZHETS	Expert of the Sector for the State Environmental Monitoring

State company “Mineral”

1.	Nikolay B. PHILIPPOV	Director
2.	Alexander A. KOLTSOV	Deputy Director
3.	Alexander V. CHUKOV	Leading engineer of Laboratory of Environmental Monitoring

