

United Nations ESCAP

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ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

North East Asian Subregional Programme

for Environmental Cooperation (NEASPEC) Project proposal by the Russian Federation "Establishment of a regional system for adverse environmental impact assessment of air pollution" Scientific Research Institute for Atmospheric Air Protection St.Petersburg, Russia

> <u>Mr. Alexander Romanov</u>, Head of International cooperation on behalf of **Mr. Andrey Nedre**, **Director General**

NEASPEC Expert Consultation Meeting January 20, 2011

Incheon, Republic of Korea



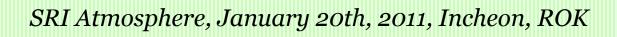
Project proposal: Aim

 Promote cooperation between North-East Asian countries under NEASPEC through the process of establishment of a joint scientific and research background for ambient air protection in the region



Project proposal: Scope

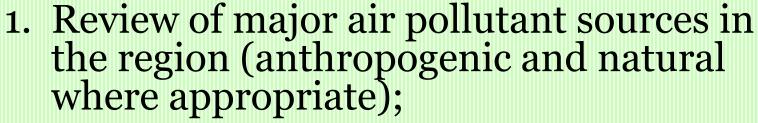
- Countries of the NEASPEC
- Focused on air pollutants SOx, NOx (PM, VOCs and HMs) – transport and deposition
- Application of uniform approaches to pollution inventories, impact assessment, monitoring and modelling





Project proposal: Strategy





- 2. Identify areas for in-depth analysis;
- 3. Perform a pilot (feasibility) study for selected area (areas)





a)

Project proposal: Pilot study

Collection and analysis of pollution data from selected areas/sources;

- b) Application of CMAQ model (+MM5) for pollution transport and deposition
- c) Preliminary assessment of identified air pollution impacts
- d) Applicability analysis of the LRTAP critical loads/levels methodology for ecosystem state evaluation

e) Conclusions and recommendations to the partner countries decision-makers



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Project proposal: Work-plan, timeframe and resources

- 1. Establishment of the Project Expert group
- 2. Consultation meeting for framework/approach/scope setting
- 3. Data collection, analysis and modeling
- 4. Provisional consultations with relevant expert bodies of the LRTAP Convention on results and approaches
- 5. Regional conference to discuss work results and elaborate recommendations
- **Timeframe** 1,5 years
- Resources required 60,000 USD



Project proposal: Expected results

- Improved specific understanding of transboundary air pollution issues among NEASPEC countries;
- Developed basis for information exchange and analysis with subsequent recommendations for decision-makers;



 Approbated uniform approaches towards environmental impact assessment in the region

THANK YOU FOR YOUR ATTENTION!