



United Nations  
ESCAP

## 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”

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**NEASPEC Expert Consultation Meeting**

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**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**

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- Countries of the NEASPEC
- Focused on air pollutants – SO<sub>x</sub>, NO<sub>x</sub> (PM, VOCs and HMs) – transport and deposition
- Application of uniform approaches to pollution inventories, impact assessment, monitoring and modelling





# Project proposal: **Strategy**

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1. Review of major air pollutant sources in the region (anthropogenic and natural where appropriate);
  2. Identify areas for in-depth analysis;
  3. Perform a pilot (feasibility) study for selected area (areas)
  4. Assess the results and propose actions for ongoing regional work on air quality assessment and management





# Project proposal: **Pilot study**

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- a) 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





# Project proposal: **Work-plan, timeframe and resources**

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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**

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- 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!**