



Concept Note

Expert Consultation on NEASPEC Transboundary Air Pollution Project

Seoul, Republic of Korea, 8 December 2016

Background

In 2012, NEASPEC member States jointly conducted the “Review of existing and required capacities for addressing adverse environmental impact of transboundary air pollution in North-East Asia”. The review showed strong potential for further improvement of national and subregional capacity on air pollution issues both on technical and policy levels, and identified existing gaps and possible steps forward. The review also recommended the development of a subregional framework that promotes a holistic approach covering all components of transboundary air pollution management, strengthens connections between science and policy, and provides channels for open and effective exchange of knowledge and information, etc.

As a follow-up to the review, NEASPEC has been carrying out a project on “the Development of Technical and Policy Framework for Transboundary Air Pollution Assessment and Abatement” with the following plan of a new technical and policy framework

- **Target pollutants:** The new framework would cover PM_{2.5}, PM₁₀ and Ozone as well as their linkages with other pollutants including SO_x, NO_x, Black Carbon, NH₃ and VOCs.
- **Priority areas:** The framework would aim to support building scientific knowledge on subregional air pollution and building policy-science linkages by focusing on (a) policy scenarios, (b) emission inventory, (c) abatement technology assessment, (d) modeling of source-receptor relationship of transboundary air pollution.

Based on this overall plan of the new framework, the project is designed as a vehicle to facilitate joint scientific assessment and consultations among member States on a potential subregional framework for addressing transboundary air pollution. Thus, the project involves processes for incorporating views of governments and experts into specific approaches and activities, thereby contributing to consensus- building among member States on a subregional framework.

In particular, the project has carried out a modeling of source-receptor relationship covering the entire North-East Asia, and prepared technical papers on potential approaches and modalities

of the framework for the review and decision by the 21st Senior Officials Meetings (SOM) to be held early 2017.

In this connection, the Expert Consultation is planned to seek views of experts on potential approaches and modalities of policy scenarios through the Integrated Assessment Modeling (IAM).

Goals

- Review the current work on IAM in NEASPEC countries and seek experts' views on joint subregional programme in the context of a new subregional framework
- Identify the overall approaches and modalities of IAM
- Identify linkages and interdisciplinary collaboration with other priority areas of the framework

Participants

- IAM experts from NEASPEC member countries and CLRTAP

Provisional agenda

1. Opening of the meeting
2. Briefing on the NEASPEC project
3. Review of the current work on IAM
4. Discussion on a joint subregional programme on IAM
5. Closing