Transboundary Cooperation on Air Pollution in North-East Asia and the Role of NEASPEC

NEASPEC Secretariat
Regional/ Subregional Environmental Cooperation

Legalized Mechanisms: 64% of about 500 MEAs

Institutionalized Institutions/Hubs of Multilateral Interactions

Platform for Multi-stakeholders/Activities
North-East Asian Subregional Programme for Environmental Cooperation (NEASPEC)

Established in 1993 with all six NEA countries

Comprehensive mechanism for environmental cooperation

Supported by ESCAP
Activities of NEASPEC

1993-95: Identifying priority areas

1996-2004: Activities on air pollution based on external resources


2010-: New activities on air pollution, nature conservation, dust and sandstorms, economy-environment

2007-2009: Developing new areas and activities
Multilateral Cooperation on Transboundary Air Pollution

**LTP**
- A joint programme of China, Japan and the ROK since 1995
- Monitoring of SO\textsubscript{2}, Nox, O\textsubscript{3}, PM and heavy metals; Modeling of SO\textsubscript{2} and NO\textsubscript{2}; source-receptor relationship

**EANET**
- Intergovernmental mechanism since 1998 with 13 countries
- Acid deposition monitoring, QA/QC, capacity-building, data collection

**NEASPEC**
- Capacity building programme on air pollutions from coal-fired power plants
### NEASPEC Project on Transboundary Air Pollution from Coal-fired Power Plants

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Process of New Proposal for NEASPEC Activity on Air Pollution

SOM-15 in March 2010: Discussion on the Russian proposal regarding the current TAP project

June-July 2010: Consultations on a new proposal on “regional system for environmental impact assessment of air pollution”

January 2011: In-depth consultation on a revised proposal and further work on the proposal if required

SOM-16 in August 2011: Review the recommendation of the consultation for the final decision
CLRTAP

Intergovernmental bodies, Expert Groups and Scientific Centres

Executive Body

Implementations Committee

Working Group on Effects
- ICP Forests Task Force
- ICP Integrated Monitoring Task Force
- ICP Modelling and Mapping Task Force
- ICP Materials Task Force
- ICP Vegetation Task Force
- ICP Waters Task Force
- Task Force on Health

Programme Coordinating Centre
Programme Centre
Coordination Centre for Effects
Main Research Centre
Programme Centre
Programme Centre
WHO Bee

EMEP Steering Body
- Task Force on Emission Inventories and Projections
- Centre for Emission Inventories and Projections
- Task Force on Measurements and Modelling
- Chemical Coordinating Centre (CCC)
- Meteorological Synthesizing Centre-West (MSC-West)
- Meteorological Synthesizing Centre-East (MSC-East)
- Task Force on Integrated Assessment Modelling
- Centre of Integrated Assessment Modelling (CIAM)
- Task Force on Hemispheric Transports of Air Pollution

Working Group on Strategies and Review
- Task Force on Reactive Nitrogen
- Task Force on Persistent Organic Pollutants
- Network of Experts on Benefits and Economic Instruments
- Expert Group on Techno-economic Issues
- Task Force on Heavy Metals
- Expert Group on Particulate Matter

Legend:
- Blue: Subsidiary Bodies
- Yellow: Task Forces / Expert Groups
- Green: Programme Centres / EMEP Centres
- ICP: International Cooperative Programme
Lesson for North-East Asia

- Comprehensive network of Intergovernmental bodies, expert groups and scientific centers
- Covers all aspects of air pollution – monitoring, impact assessment, modeling
- Reveals gaps in the North-East Asian mechanisms for cooperation on air pollution
- Still a lot of room to expand and seek complementarities and synergies among different subregional and regional initiatives and mechanisms rather than fear any competition among different actors
- Provides good model to replicate in North-East Asia
Objectives of the Meeting

- Review existing scientific approaches to regional and subregional initiatives for modeling/monitoring transboundary air pollution;

- Review existing methodologies for the assessment of environmental impacts of air pollution in North-East Asia and Europe and reflect on possibilities of exchange of experience between the regions;

- Discuss the scientific and technical approaches outlined in the proposal submitted by the Russian Federation with view of submitting recommendations to SOM-16;

- Identify expected goals and objectives and draw up a preliminary work plan on implementation of the proposal.