



North-East Asian Subregional Programme for Environmental Cooperation (NEASPEC)

Workshop on Transboundary Air Pollution in North-East Asia

Introduction to goals and objectives of the workshop

Dr. Sangmin Nam
UNESCAP Subregional Office for East and North-East Asia

10 November, 2011

Outline

1. Goals and Objectives of the workshop
2. Transboundary air pollution from coal fired power plants
3. New NEASPEC initiative on addressing environmental impact of transboundary air pollution
4. Expected outcomes of the workshop and future steps

Goals and Objectives of the workshop

- Discuss and disseminate the outcomes of the NEASPEC-ADB project
- Discuss possible options for employing co-benefits approach to mitigation of air pollution and GHG emissions
- Discuss detailed work plan, partners and deliverables of the new NEASPEC project on addressing environmental impact of TAP

Transboundary air pollution from coal-fired power plants

Overview

- Mitigation of Transboundary Air Pollution from Coal-fired Power Plants in North-East Asia – major NEASPEC project
- Joint project of ADB and NEASPEC
- 1st and 2nd phases: 1996-98 and 2002-04
- 3rd phase: 2009-11
- National Implementing Agencies: China Electricity Council (CEC) under the National Development and Reform Commission (NDRC), China; Ministry of Nature, Environment and Tourism, Mongolia

Transboundary air pollution from coal-fired power plants

Components

- Component 1: Air Pollution Abatement Plans (Integrated Strategies for Mitigating Air Pollution and Greenhouse Gases)
- Component 2: SO₂ Emission Regulation and Compliance
- Component 3: Mongolian Power Plant Emission Standards
- Component 4: Knowledge Transfer and Dissemination – NEASPEC led
- Component 5: Demonstration Project and Management Modules (Application of the Co-benefits Approach to Selected Cities)

Transboundary air pollution from coal-fired power plants

Activities and Outcomes

- Draft national strategy for application of co-benefit approach for Mongolia
- Analysis of SO₂ emission regulation and compliance in the subregion
- Draft SO₂ emission standards for Mongolia to be discussed further with national stakeholders
- Demonstration project – Power plant in Jiansu Province, China – FGD efficiency
- Technical workshops in Mongolia and China

NEW NEASPEC PROJECT

Overview of process

- Title: Review of existing and required capacities for addressing adverse environmental impact of transboundary air pollution in North-East Asia
- SOM-15 (17-18 March 2010, Tokyo): Initial project proposal by the Russian Federation
- May-June 2010- comments and views of NEASPEC member States
- Expert Consultation Meeting (20-21 January 2011 in Incheon): recommendations on scope and objectives
- SOM-16 (1-2 September 2011): Approval by member States and nomination of focal points

Goals of the Review

- Prepare a comprehensive study of subregional and international mechanisms, models and approaches aimed at transboundary air pollution assessment and mitigation, including EANET, LTP, UNECE CLRTAP, EMEP, GAINS-Asia, MICS-Asia, etc
- Identify subregional knowledge gaps, room for improvement, relevant needs and priorities, and a set of options for a multilateral approach on transboundary air pollution assessment and mitigation in North-East Asia

Expected outcomes and future steps

- Identify possible follow-up activities for the project on coal-fired power plants for national and subregional action
- Finalize the timeline of implementation of the new NEASPEC project, roles and responsibilities of involved stakeholders, modalities of expected deliverables
- Identify opportunities for subregional activities on co-benefits approach and the role of NEASPEC