



The 2nd Roundtable on Transboundary Air Pollution in Northeast Asia

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PROPOSAL ON A NEW TAP FRAMEWORK UNDER NEASPEC

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BACKGROUND

- **Air pollution has been identified as one of the key issues in the North-East Asia and beyond affecting the human health and the environment**
- **No single country/technology solution exists to tackle the problem of regional/transboundary pollution**
- **Need for regional cooperation confirmed, relevant research in place on bilateral / multilateral basis**
- **Further development of comprehensive cooperation at both scientific and policy levels in the sub-region necessary**
- **Sub-regional framework on TAP under NEASPEC is proposed to bring together countries of the NEA**

GENERAL PROVISIONS

Introduction:

- There is common understanding of the air pollution problem, its adverse effects on the human health and the environment
- Effective cooperation is necessary to observe, assess and monitor the transboundary air pollution
- The framework agreement is based on the good will of the participating countries to cooperate, exchange information, engage in scientific and policy dialog
- Existing initiatives and instruments in the sub-region (e.g. LTP project, EANET) are respected and represent the baseline for the extended cooperation
- NEASPEC, as a UN ESCAP programme, is considered as potential institutional arrangement (Secretariat) for the framework

GENERAL PROVISIONS

Parties:

- **Countries of the North-East Asian sub-region, including China, DPRK, Japan, Mongolia, Republic of Korea, and Russian Federation (all – NEASPEC members)**

Objectives:

- **Ensure the protection of the environment and human health on the territories of the parties;**
- **Promote environmental cooperation, including science, policy and technical aspects, on air protection in the transboundary context;**
- **Enhance and further develop information and experience exchange in national and transboundary air pollution matters**

GENERAL PROVISIONS

Key voluntary commitments:

- **Exchange available and relevant information to extent possible, including**
 - data on emissions at periods of time to be agreed upon, of agreed pollutants (e.g. SO_x, NO_x, PM, ozone);
 - Information on transboundary transport of such air pollution along with relevant meteorological and physico-chemical data;
 - Information on control technologies and national policies in use and/or development;

GENERAL PROVISIONS

Key voluntary commitments:

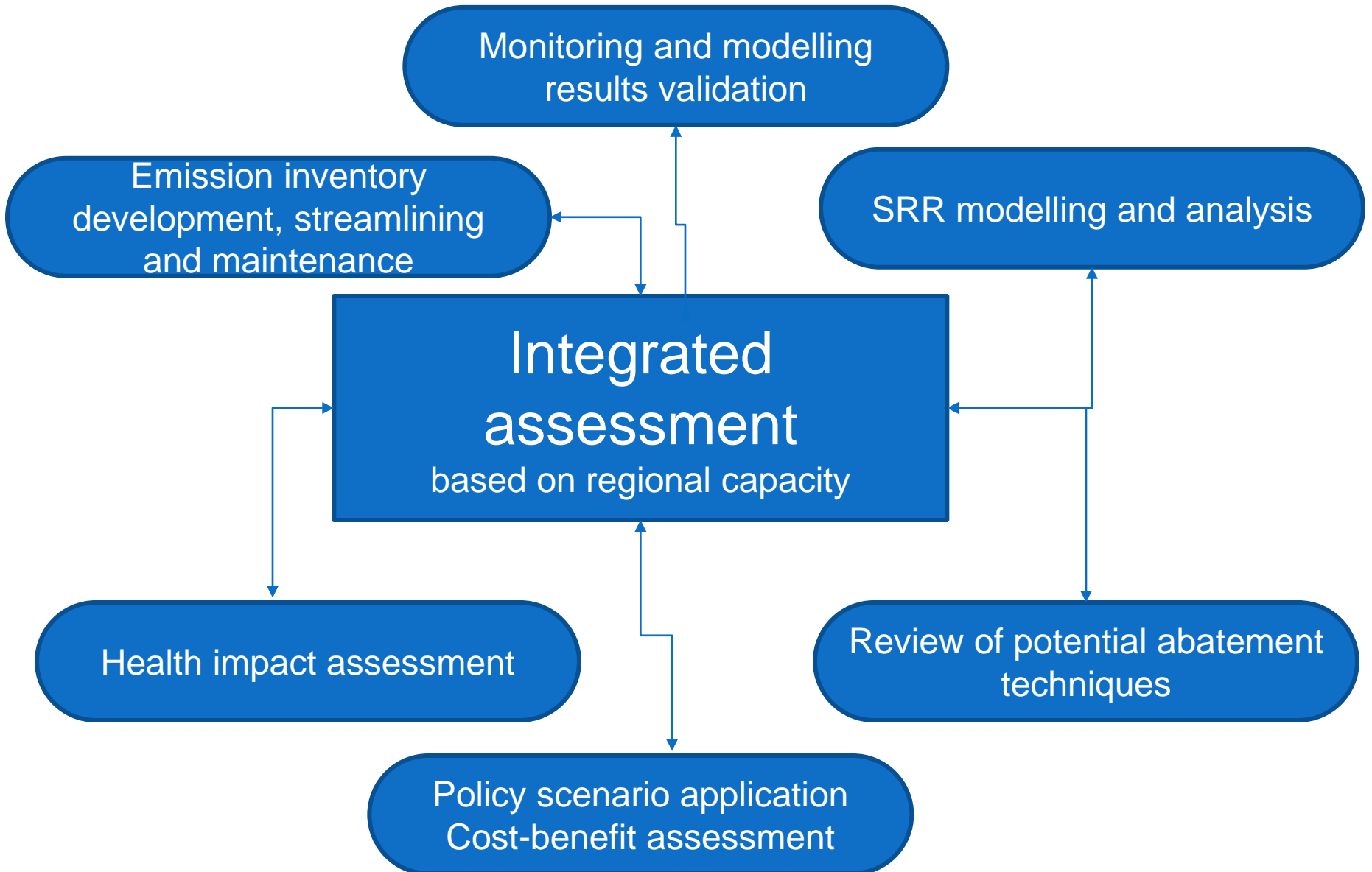
- Engage in common research and development activities , to the extent possible, covering
 - Sub-regional emission inventory development and maintenance, based on common and transparent principles;
 - Air pollution monitoring through existing programmes, including EANET, and beyond,
 - Regional air pollution transport modeling, including source-receptor relationship modeling, based on the existing capacities, instruments, and initiatives, e.g. LTP, and beyond;
 - Integrated assessment modeling based, where possible, on existing experience in application of the Greenhouse Gas - Air Pollution Interactions and Synergies (GAINS) model

GENERAL PROVISIONS

Key voluntary commitments:

- **Propose potential measures to enhance cooperation on TAP and tackle pollution through:**
 - Science-based policy-oriented consultations,
 - Development of common scenarios for integrated assessment modeling and projection development,
 - Exchange of information on emerging technologies and potential for technological cooperation aimed at pollution reduction;
 - Release information on relevant good environmental practices applied nationally

KEY ELEMENTS OF THE PROPOSED FRAMEWORK:



INSTITUTIONAL ARRANGEMENT

Proposed institutional structure:

- **Governing body of the framework agreement – Senior officials’ meeting of NEASPEC**
 - **Science and Review Committee on TAP** – *working forum for science and policy dialog and recommendations development*
 - **Science Working Group (technical body)** – *group of experts on TAP from member countries and existing programmes/initiatives that generates data, conclusions and recommendations;*
 - **Review Working Group** – *group of experts working with the SWG inputs and policy options development*
- **Technical center(s)** based on existing capacities in the member countries to maintain the common inventories, IAM work, monitoring
- **UN ESCAP SRO ENEA (as the joint NEASPEC-TAP framework Secretariat)**

INSTITUTIONAL ARRANGEMENT

Senior officials meeting of NEASPEC

Scientific and review committee on TAP

Scientific working group
(covers inputs from EANET, LTP,
performs IAM, maintains
inventories and projections)

Review working group
(receives inputs from the SWG
on science of LTP, proposes
ways to cooperate on the issues
identifies, policy scenario
development and review)

Technical center(s) supporting the work on
inventories, projections, IAM, monitoring

UN
ESCAP
SRO
Enea

Thank you for your attention!



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