

The Fourth Session of the Working Group
on Future Development of EANET
4-6 June 2007, Pathumthani, Thailand

REPORT OF THE SESSION

(Final)

I. Introduction

1. The Working Group on Future Development (WGFD) of Acid Deposition Monitoring Network in East Asia (EANET) held its Fourth Session in Pathumthani, Thailand on 4-6 June 2007.
2. Representatives of Cambodia, China, Indonesia, Japan, Lao PDR, Malaysia, Mongolia, Myanmar, Philippines, Republic of Korea, Russia, Thailand, and Viet Nam participated in the Session. The representatives of the Secretariat and the Network Center (NC) for EANET, as well as experts from international organizations, namely: the United Nations University Institute of Advanced Studies (UNU-IAS) and the United Nations Environment Programme Regional Office for Asia and the Pacific (UNEP ROAP) also attended the Session. The List of Participants is attached as Annex I.

II. Opening of the Meeting (Agenda Item 1)

3. The Session was opened by the Secretariat. Mr. Mylvakanam Iyngararasan, Acting Coordinator of the Secretariat, delivered the opening remarks. In his opening remarks, he highlighted the significant impacts of climate change in the region by referring to the Fourth Report of the Intergovernmental Panel on Climate Change (IPCC), achievements of EANET in the past years and emphasized the co-benefits of addressing climate change and air pollution together.

III. Election of the Officers (Agenda Item 2)

4. Dr. Supat Wangwongwatana, Director General, Pollution Control Department, Thailand was elected as Chairperson and Dr. Veronica Ginzburg, Senior Researcher, Institute of Global Climate and Ecology, Russia and Mr. Ken Choviran, Deputy Director, Department of Pollution Control, Ministry of Environment, Cambodia were elected as Vice-chairpersons for the current two-year term of the WGFD.

IV. Adoption of the Agenda (Agenda Item 3)

5. The Session adopted the Agenda as proposed by the Secretariat (EANET/WGFD 4/3/1).

V. **Brief Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET (Agenda Item 4)**

6. The Secretariat made a brief presentation on the Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET (EANET/WGFD 4/4). The Session was invited to discuss and make comments/suggestions regarding the capacity building program for EANET in the future.

7. Major discussion included:

- The Secretariat will issue the certificate for completion of the recently concluded capacity building course, based on the request from the participating countries. The feedback on the evaluation from the participants of the course will be circulated to the participating countries.
- The capacity building training courses should be continued, possibly twice a year, depending on availability of financial resources.
- The topics for such training courses should be discussed and identified by WGFD and approved by the Intergovernmental Meeting (IG), taking into account the feedback from the participating countries. More emphasis may be placed on practical training for negotiation.

VI. **Consideration on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET (Agenda Item 5)**

8. The Secretariat made a presentation on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET (EANET/WGFD 4/5). Mr. Manjit Iqbal, a legal consultant of UNEP ROAP made a supplementary explanation on the text from the legal point of view. He clarified that the legal status of the instrument and the scope of target pollutants were not decided yet and open for further discussions. The Session was invited to discuss, make comments and provide suggestions/guidance on the draft.

9. Major discussion included:

- The Session emphasized that the instrument should be simple, flexible and open for future development.
- It was pointed out that the instrument aims at establishing a sound basis for financial contribution to EANET.
- It was clarified that the major objective of the Session is to develop a negotiating text that has integrated views and comments of the participating countries as much as possible for consideration by the Ninth Session of the Intergovernmental Meeting (IG9). No decisions are expected at this Session.

- While some countries requested to hold discussions on legal status and the scope of the instrument, it was clarified that WGFD is not mandated to decide these issues. They should be decided at IG.
 - Some countries expressed the need for a legally binding instrument while some others preferred a non-legally binding instrument. Some expressed their preference on broader scope (regional air pollution) to ensure flexibility and openness for future development of EANET, while some others considered that the present scope (acid deposition) should be kept.
 - It was clarified that Russia would prefer that a legally binding instrument is adopted since they are not able to provide financial contribution through a non-legally binding instrument such as NOWPAP.
 - It was clarified that a non-legally binding instrument provides only guidance to the participating countries and does not provide for legal obligations. It was also discussed that the elements would identify whether the instrument is legally binding or not.
 - Some countries expressed that a legally binding instrument is not appropriate at this stage and that the scope should be limited to acid deposition. The Secretariat was requested to prepare a non-legally binding text for further discussions, in view of the opinions expressed during the Session.
 - The text prepared by the Secretariat for the Session was discussed. It was agreed that the whole text should be bracketed for future review. The Secretariat was requested to prepare two versions, a legally binding and non-legally binding texts based on the revisions done at this Session for discussions at the next WGFD Session.
 - It was clarified that financial rules will prescribe items on how to administer disbursement, auditing etc. and will not include items on financial arrangements.
 - Articles 16-25 of the draft text are standard provisions for a legally binding instrument and will be considered if IG decides to develop a legally binding instrument.
10. A negotiating text reflecting the views and comments that were expressed at this Session is attached as Annex 2 of the Report of the Session. The participating countries were invited to provide further input to the text discussed at this Session in the period leading to the next WGFD Session.

VII. Consideration of the Report on Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET (Agenda Item 6)

11. The Secretariat and NC made presentations on the Report on Revised Procedures and Guidelines for Voluntary Contribution to EANET (EANET/WGFD 4/6). The Session was invited to discuss, review, make recommendations and provide guidance as appropriate.
12. With reference to the revised latest version of the document, the Secretariat clarified the following:

- The draft figures/amounts on Table 1 and Table 2 were estimated based on flat rate amount for voluntary contributions from the participating countries to the Secretariat and NC core budget in 2008-2010. Regarding the computation of the financial contribution from the participating countries to the Secretariat budget, the Secretariat clarified that the latest, available UN assessment scale was used.
 - The increase of the budget of the Secretariat is due to the revised salary scale of the Coordinator.
13. Regarding the definitions of NC core budget and additional budget, major discussions were as follows:
- It was clarified that the reason for transferring the budget on “Attendance to the EANET meetings of NC staff” from the core budget to the additional budget was to avoid a large increase of the total amount of NC core budget which will be supported by voluntary contribution from the participating countries from 2008. However, considering the importance of attendance of NC staff to IG, Scientific Advisory Committee (SAC) and other EANET meetings, the Session agreed to the following revisions:
 - Moving the budget on “Attendance to the EANET meetings of NC staff” from the additional budget back to the core budget of NC
 - Deletion of paragraph 12 of the document (EANET/WGFD 4/6)
 - Moving the budget on “Assistance for national training activities”, “Coordination with and support for other training programs” and “Individual training at NC” from the core budget to the additional budget
 - In response to the question from a participating country whether the funding of the above activities would be reduced when moved to the additional budget, NC informed that it would make best effort to obtain budget to fund these training activities.
 - It was agreed that the definition of NC Core Budget in paragraph 13 of the document will be revised as follows:

“The core budget: The cost of all activities indispensable for promoting the Network activities in the participating countries under the framework of EANET and which are approved by IG”
 - The activity “Coordination with and support for other training programs” that is currently listed under item 6 of the detailed NC Core Budget shall be amended to “Coordination with and support for other training programs which are relevant to EANET activities”.
14. It was decided that the Secretariat and NC will submit a revised document to the next WGFD session for consideration and endorsement at the next IG. The detailed items of the NC Additional Budget will be also included in the revised document.

VIII. Consideration of the Draft Set of Procedures to be followed by EANET in Preparation of Project Proposal for Potential Donors (Agenda Item 7)

15. The Secretariat and NC made presentations on the Draft Set of procedures to be followed by EANET in Preparation of Project Proposal for Potential Donors (EANET/WGFD 4/7) and Priority Areas Identified and Potential Funding Agencies (EANET/WGFD 4/7/1). The Session was invited to discuss and provide comments and guidance, as appropriate.
16. Major discussion included:
- It was clarified that because of the different interests and needs of participating countries, the projects need not necessarily involve all countries. Joint researches between some countries and NC are possible. However, it was pointed out that projects involving more countries may be easier to secure funding.
 - It was expressed that the number of proposed projects are too many. It was proposed that the selection of the projects should be guided by some basic principles such as common interest of the participating countries and according to the priorities which have been identified in the Strategy on EANET Development (2006-2010)
 - It was suggested and agreed to add the Global Environment Facility (GEF) and Swedish International Development Agency (SIDA) to the list of potential donors. It was also suggested that “other bilateral aid agencies” should be replaced with “other relevant international, regional agencies” to broaden the range of possible donors.
 - Regarding emission inventories, some countries expressed their views and concerns that the preparation of emission inventories is costly, difficult, complicated and takes a long time. However, several countries expressed the need for emission inventories and the support for the emission inventory activities to obtain comparable emission data for better understanding of the state of the atmosphere and for decision making. The Session agreed on the importance of emission inventory activities from the scientific point of view. The Session also agreed to promote projects on emission inventory activities as pilot projects at the current stage for interested countries.
 - It was clarified that in accordance with the decision of IG8, the endorsement of all NFPs is necessary before a detailed project proposal can be developed for submission to the donor agencies.
 - Several countries expressed the need for more information on effects of acid deposition and oxidants/ozone on ecosystems including agriculture to inform policy makers.
 - Participating countries are invited to submit concept paper by using the format indicated in the Annex 2 of the document (EANET/WGFD 4/7/1), to be included in the priority list of projects for consideration of NFPs.
 - It was agreed that concept papers on the following projects will be developed and circulated to the NFPs for endorsement:
 - i) Establishment of new monitoring stations to improve the capability for EANET monitoring in the participating countries

- ii) Capacity Building Workshops for the Policy Makers of the Participating Countries of EANET
- iii) Investigation on potential effects of acid deposition and oxidants/ozone on ecosystem including agriculture
- iv) Pilot project on emission inventories for interested participating countries.

IX. Other Issues (Agenda Item 8)

- 17. The Secretariat announced that Japan had offered to provide financial contribution for a workshop to promote the understanding of emission inventories among participating countries of EANET. It is proposed that this workshop be held back-to-back with the Seventh Session of the Scientific Advisory Committee (SAC7) in October 2007.
- 18. In response to the question raised by a country regarding the IG8 decision to explore a clearer definition for the core and additional budget of NC, the Session agreed that the detailed definitions will be provided to countries at the next WGFD Session. The Secretariat reminded that the decisions made at IG should not be re-discussed at the WGFD. The comments of China regarding the Strategy on EANET Development (2006-2010) will also be circulated to member countries at the next WGFD Session.
- 19. The Secretariat announced that the Fifth Session of WGFD will be held in Pathumthani, Thailand tentatively on 12-14 September 2007 and the Ninth Session of IG will be held in Lao PDR on 19-20 November 2007.

X. Consideration and adoption of the Report of the Session (Agenda Item 9)

- 20. The Report of the Session (EANET/WGFD 4/9) was adopted.

XI. Closing of the Session (Agenda Item 10)

- 21. The Session was officially closed by the Chairperson.

Annex 1

List of Participants

Participating Countries

Cambodia

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Annex 2

Draft Text developed at WGFD4

[Title

- 1) [Framework Agreement/ Joint Declaration]to Promote Cooperation for the [Prevention and Control/Management] of [Regional Air Pollution/Acid Deposition] in East Asia
- [2) Joint Declaration to Provide a Sound Basis for Contribution to EANET]

The [Parties/Member/Participating Countries] to this [Agreement/Joint Declaration],

Recognizing that East Asia is facing increasing risks of problems related to [regional air pollution including acid deposition/acid deposition],

Recalling that Agenda 21, adopted at the United Nations Conference on Environment and Development in 1992, stated that the experience of the programs on transboundary air pollution in Europe and North America needed to be shared with other regions of the world,

Acknowledging the successful operation of the preparatory-phase activities of the Acid Deposition Monitoring Network in East Asia, which was undertaken by ten countries in East Asia from 1998 to 2000, following the common understanding expressed at the First Intergovernmental Meeting, on 19-20 March 1998 in Yokohama, Japan.

Recognizing that the Acid Deposition Monitoring Network in East Asia was established in January 2001 as an important initiative for regional cooperation, aiming to create a common understanding on the state of acid deposition problems, to provide useful inputs to policy makers at various levels, and to contribute to cooperation on the issues related to acid deposition among the participating countries. [At present, thirteen countries in East Asia are participating in the Acid Deposition Monitoring Network in East Asia.],

Emphasizing that activities of the cooperative network on the acid deposition [and other regional air pollution] in East Asia under the Acid Deposition Monitoring Network in East Asia has been developed by taking a step-wise approach by the Participating Countries on a voluntary basis,

Recognizing the need to promote cooperation for the [prevention and control/management] of [regional air pollution/acid deposition] in East Asia,

Have [agreed/declared] as follows:

[Article 1/Item 1]

Definitions

[Party” means a Party to this Agreement, unless the Agreement otherwise provides.]

[“Member/Participating Country” means]

[“Regional Air Pollution” means....]

[“East Asia” means]

[“Acid Deposition” means....]

[“EANET” means....]

[Article 2/Item2]

Objectives

The objectives of this [Agreement/Joint Declaration] are:

- 1) to create a common understanding of the state of [regional air pollution/acid deposition problems] in East Asia;
- 2) to provide useful inputs for decision-making at local, national and regional levels aimed at preventing or reducing adverse impacts on the environment caused by [regional air pollution/acid deposition]; and
- 3) to [cooperate on/contribute to cooperation on/contribute to cooperation for the resolution of] the issues related to [regional air pollution/acid deposition] among the [Parties/Member/Participating Countries].

[Article 3/Item 3]

Principles

[The [Parties/Member/Participating Countries] [shall/will] be guided by the following principles in the implementation of this [Agreement/Joint Declaration]:

- 1) The [Parties/Member/Participating Countries] [shall/will], in the spirit of solidarity and partnership and in accordance with their respective needs, capabilities and situations, strengthen cooperation to [prevent and control/manage] [regional air pollution/acid deposition].
- 2) The [Parties/Member/Participating Countries] [should/shall] take precautionary measures to anticipate, monitor and [prevent/manage] [regional air pollution/acid deposition] to minimize its adverse impacts.[Where there are threats of serious or irreversible damage from [regional air pollution/acid deposition], even without scientific certainty, precautionary measures [shall/may/should] be taken by the [Parties/Member/Participating Countries] concerned.]
- 3) The [Parties/Member/Participating Countries] shall take necessary measures to contribute to the cooperation on the issues related to [regional air pollution, including acid deposition/acid deposition] among the [Parties/Member/Participating countries].
- 4) The [Parties/Member/Participating Countries] shall promote and cooperate in the exchange of information related to [regional air pollution/acid deposition].
- 5) The [Parties/Member/Participating Countries] shall promote active participation, and bilateral and multilateral cooperation for effective implementation of [research/network] activities.]

[[Article 4/Item 4]

General Obligations

1. The [Parties/Member/Participating Countries] shall take necessary measures to contribute to the cooperation on the issues related to [regional air pollution, including acid deposition/acid deposition] among the [Parties/Member/Participating countries].
- [
2. The [Parties/Member/Participating Countries] [shall/will] take legislative, administrative and/or other measures to implement their obligations under this [Agreement/Joint Declaration].]
3. The [Parties/Member/Participating Countries] shall promote and cooperate in the exchange of information related to [regional air pollution/acid deposition].
4. The [Parties/Member/Participating Countries] shall promote active participation, and bilateral and multilateral cooperation for effective implementation of [research/network] activities.]

[Article 5/Item 5]

Monitoring and Reporting

1. The [Parties/Member/Participating Countries] [shall/will] implement and strengthen their monitoring activities in line with this [Agreement/Joint Declaration].
2. Each [Party/Member/Participating Country] [shall/will] designate a national center, which is responsible for implementing the monitoring activities provided for in the [Agreement/Joint Declaration].
3. Each [Party/Member/Participating Country] [shall/will] develop and implement its national monitoring plan. Monitoring of acid deposition [and other regional air pollution] [shall/will] be implemented in accordance with the monitoring guidelines, technical manuals and other technical documents adopted by the Intergovernmental Meeting (IG), referred to in [Article 11/Item 11].
4. Each [Party/Member/Participating Country] [shall/will] report the monitoring data and other relevant information to the Network Center (NC), referred to in [Article 14/Item 14], in accordance with guidelines adopted by the Intergovernmental Meeting.
5. In order to obtain high quality monitoring data, the quality assurance / quality control (QA/QC) programs adopted by the Scientific Advisory Committee (SAC), referred to in [Article 13/Item 13], [shall/will] be implemented in full collaboration among the [Parties/Member/Participating Countries] for monitoring activities under the [Agreement/Joint Declaration].
6. The monitoring data and other information submitted by the [Parties/Member/Participating Countries] [shall/will] be compiled and stored by the NC.
7. The data and other information compiled through [EANET activities] / [activities under the [Agreement/Joint Declaration]] [shall/may/should] be provided to individuals, organizations and non-member countries, in accordance with the procedures adopted by the Intergovernmental Meeting.

[Article 6/Item 6]

Assessment

1. The monitoring data and other information submitted by the [Parties/Member/Participating Countries] [shall/will] be analyzed and evaluated by the SAC.
2. The SAC [shall/will] prepare periodic assessment reports on the state of [regional air pollution/acid deposition] in East Asia, based on the data reports by the NC.
3. Periodic assessment reports prepared pursuant to paragraph 2 of this [Article/Item] [shall/will] be disseminated and made available to the public.

[Article 7/Item 7]

Research Activities

1. The [Parties/Member/Participating Countries] shall promote studies of scientific issues related to [regional air pollution/acid deposition].
2. Research activities should be mutually reinforcing and supportive with existing regional, sub-regional and national initiatives in East Asia. Collaboration should be promoted with other international monitoring networks and programs.

[Article 8/Item 8]

Education and Training

The [Parties/Member/Participating Countries] [shall/will] promote and cooperate in developing and implementing education / training programs to implement this [Agreement/Joint Declaration] in collaboration with the NC and the Secretariat, referred to in [Article 12/Item 12].

[Article 9/Item 9]

Public Awareness

The [Parties/Member/Participating Countries], [shall/will] promote and cooperate in:

- 1) development and implementation of public awareness programs on [regional air pollution/acid deposition]; and
- 2) improvement of public access to information on [regional air pollution/acid deposition] and its effects.

[Article 10/Item 10]

Exchange of Information

The [Parties/Member/Participating Countries] [shall/will] promote and cooperate in the exchange of information related to [regional air pollution/acid deposition] including scientific, technological, technical, socio-economic and legal information as well as information on administrative measures.

[Article 11/Item 11]

Intergovernmental Meeting

1. An Intergovernmental Meeting is hereby established.
2. The IG, composed of the representatives of all [Parties/Member/Participating Countries], is the decision-making body of the [EANET] / [[Agreement/Joint Declaration]]. The tasks of the IG include, among others, the following:
 - 1) review and approval of the work program and budget [of the EANET] / [for implementation of the [Agreement/Joint Declaration]];
 - 2) review of implementation of the work program;
 - 3) review and approval of periodic assessment reports on the state of [regional air pollution/acid deposition] in East Asia;
 - 4) establishment of subsidiary bodies as necessary and appropriate;
 - 5) review and approval of scientific, technical, administrative and financial matters for the management of the [EANET] / [[Agreement/Joint Declaration]];
 - 6) adoption of the rules of procedures [and financial rules] for the IG and subsidiary bodies, including the SAC;
 - 7) provision of necessary instructions and guidance to the subsidiary bodies, the Secretariat and the NC on their activities;
 - 8) decision on other matters related to the management of the [EANET] / [[Agreement/Joint Declaration]] and implementation of the work program; and
 - 9) adoption of amendments to this [Agreement/Joint Declaration].
3. The IG [shall/will] meet annually, unless otherwise decided.

[Article 12/Item 12]

Secretariat

- [1. A Secretariat is hereby established.]
2. The Secretariat, designated by the IG for the effective management of the [EANET / [[Agreement/Joint Declaration]] and to facilitate cooperation among the [Parties/Member/Participating Countries] in a transparent manner, [shall/will] carry out the following tasks under the guidance of the IG:
 - 1) necessary administrative arrangements for the meetings of the IG, the SAC, and other subsidiary bodies;
 - 2) necessary administrative and financial arrangements for managing the [EANET / [[Agreement/Joint Declaration]]];
 - 3) communication and cooperation in administrative [and policy] aspects as the focal point of the [EANET / [[Agreement/Joint Declaration]]];
 - 4) promotion of capacity building and public awareness in cooperation with the NC; and
 - 5) other necessary tasks as requested by the IG.

[Article 13/Item 13]

Scientific Advisory Committee

- [1. A Scientific Advisory Committee is hereby established.]
2. The SAC, composed of scientific and technical experts from the [Parties/Member/Participating Countries], [shall/will] advise and assist the IG with various scientific and technical matters related to [EANET activities as mandated to it by the IG. These matters [shall/will] include the following:
 - 1) scientific and technical aspects of the monitoring strategies [for EANET];
 - 2) development and revision of the monitoring guidelines and technical manuals;
 - 3) matters related to the selection of monitoring sites, QA/QC programs, data reporting procedures and formats;
 - 4) matters related to collection, evaluation, assessment and analysis of monitoring data;
 - 5) preparation of periodic assessment reports on the state of [regional air pollution/acid deposition] in East Asia, [based on the data report by the NC];
 - 6) matters related to studies on [regional air pollution/acid deposition]; and
 - 7) other scientific matters as requested by the IG.
3. If the Committee considers necessary for fulfilling its objectives, experts from countries other than the [Parties/Member/Participating Countries] may be invited to join the Committee.

[Article 14/Item 14]

Network Center

- [1. A Network Center is hereby established.]
2. The NC, to handle scientific and technical matters of [EANET activities] / [activities under the [Agreement/Joint Declaration]], and to facilitate cooperation among the [Parties/Member/Participating Countries] in a transparent manner, [shall/will] carry out the following tasks under the guidance of the IG:
 - 1) central compilation, evaluation and storage of monitoring data and related information;
 - 2) preparation of data reports on [regional air pollution/acid deposition] in East Asia;
 - 3) dissemination of monitoring data and other relevant information;
 - 4) provision of technical assistance to the [Parties/Member/Participating Countries] in implementing [EANET activities] / [activities under the [Agreement/Joint Declaration]];
 - 5) implementation and coordination of QA/QC activities;
 - 6) development and implementation of education/training programs for those engaged in [EANET activities] / [activities under the [Agreement/Joint Declaration]];
 - 7) implementation of research activities on [regional air pollution/acid deposition];
 - 8) provision of scientific and technical support for the IG, the SAC and other subsidiary bodies;
 - 9) promote capacity building and public awareness in cooperation with the Secretariat; and
 - 10) other tasks as requested by the IG.

[Article 15/Item 15]

Financial Arrangement

1. A Fund is hereby established for the implementation of this [Agreement/Joint Declaration]. [This Agreement/Joint Declaration [shall/will] provide sound basis for financial contribution to EANET.]
2. The administrative and operational cost of the national monitoring within each country [shall/will] be borne by each country.
3. In order to provide a sound financial basis for the implementation of this [Agreement/Joint Declaration], the [Parties/Member/Participating Countries] [shall/will] make [voluntary] contribution to the fund in accordance with the decision of the IG.
- [
4. Taking into account the IG decisions, the contribution of the [Parties/Member/Participating Countries] [shall/will] be based on the flat rate amount and burden sharing according to the UN assessment scale.]
5. The fund [shall/will] be open to financial and in-kind contribution from [other sources/international and regional organizations, non-governmental organizations (NGOs) and from any other international entities], subject to the agreement of or approval by the IG.

[

Article 16

Amendments

1. Any Party may propose amendments to the Agreement.
2. Five years later after the date of entry into force of the Agreement, the IG shall review the text of the Agreement and may propose amendments to the subsequent meeting, if necessary.
3. The text of any proposed amendments to the Agreement shall be communicated to the Parties by the Secretariat at least six months before a meeting of the IG at which it is proposed for adoption. The Secretariat shall also communicate proposed amendments to the signatories to the Agreement.
4. Amendments shall be adopted by consensus of the representatives of the Parties at the meeting of the IG.
5. The adopted amendments shall be communicated by the Secretariat to the Depository, who shall circulate it to all Parties for their acceptance.
6. The amendments shall enter into force for the Parties which have accepted it on the sixtieth day after the date on which [two-thirds] of the Parties have deposited their instruments of acceptance with the depository.
7. Thereafter, the amendments shall enter into force for any other Party on the sixtieth day after the date on which that Party deposits its instrument of acceptance of the amendment.

Article 17

Annexes

1. Annexes to this Agreement shall form an integral part of the Agreement and, unless otherwise expressly provided, a reference to the Agreement constitutes at the same time a reference to the annexes thereto.
2. Annexes shall be adopted by consensus at the meeting of the IG.
3. Any Party may propose amendments to an Annex.
4. Amendments to an Annex shall be adopted by consensus at the meeting of the IG.
5. Annexes to this Agreement and amendments to Annexes shall be subject to acceptance. The Depository shall circulate the adopted Annex or the adopted amendment to an Annex to all Parties for their acceptance. The Annex or the amendment to an Annex shall enter into force on the thirtieth day after the deposit with the Depository of the instruments of acceptance of all Parties.

Article 18

Protocols

1. The IG may, at any session, adopt protocols to the Agreement.
2. The text of any proposed protocol shall be communicated to the Parties by the Secretariat at least six months before such a session.
3. The requirements for the entry into force of any protocol shall be established by that instrument.

Article 19

Signature

The Agreement shall be opened for signature at [the United Nations Office at Bangkok] [from ## to ## ##### 2009] by States listed in Annex I.

Article 20

Ratification, Acceptance, Approval and Accession

The Agreement shall be subject to ratification, acceptance, approval or accession by States listed in Annex I. It shall be open for accession by such States from the day after the date on which the Agreement is closed for signature. Instruments of ratification, acceptance, approval or accession shall be deposited with the Depository.

Article 21

Entry into force

1. The Agreement shall enter into force on the sixtieth day after the deposit of the [seventh/ ninth] instrument of ratification, acceptance, approval or accession.
2. For each Party ratifying, accepting, approving or acceding to the Agreement after the deposit of the [seventh/ninth] instrument of ratification, acceptance, approval or accession, the Agreement/ shall enter into force on the sixtieth day after the deposit by such Party of its instrument of ratification, acceptance, approval or accession.

Article 22

Application for Accession

1. Any country/State not listed in Annex I may submit its application for accession to this Agreement to the Secretariat, which shall be subject to approval by the IG.
2. Once its application is approved, the State may deposit its instrument of ratification, acceptance, approval or accession with the Depositary.

Article 23

Withdrawal

1. At any time after three years from the date on which the Agreement has entered into force for a Party, that Party may withdraw from the Agreement by giving written notification to the Depositary.
2. Any such withdrawal shall take effect upon expiry of one year from the date of receipt by the Depositary of the notification of withdrawal, or on such later date as may be specified in the notification of withdrawal.

Article 24

Depositary

The Secretary-General of the United Nations shall be the Depositary of the Agreement.

Article 25

Authentic Text

The present [Agreement/Joint Declaration] shall be drawn up in the English language, and shall be the authentic text.

]

[Annex I/Member/Participating Countries]

Cambodia
China
Indonesia
Japan
Lao People's Democratic Republic
Malaysia
Mongolia
Myanmar
Philippines
Republic of Korea
Russian Federation
Thailand
Viet Nam

]

The Fourth Session of the Working Group
on Future Development of EANET
4-6 June 2007, Pathumthani, Thailand

Agenda

1. Opening of the Session
2. Election of Officers
3. Adoption of the Agenda
4. Brief Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET
5. Consideration on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET
6. Consideration of the Report on Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET
7. Consideration of the Draft Set of Procedures to be followed by EANET in Preparation of Proposal for Potential Donors
8. Other Issues
9. Consideration and adoption of the Report of the Session
10. Closing of the Session

The Fourth Session of the Working Group
on Future Development of EANET
4-6 June 2007, Pathumthani, Thailand

Annotated Agenda

1. Opening of the Session

The Session will be opened by the Secretariat.

2. Election of the Officers

The Session will be invited to elect a Chairperson and two Vice-Chairpersons from among the participants.

3. Adoption of the Agenda

The Session will be invited to consider and adopt the Agenda of the Session (EANET/WGFD 4/3/1) as well as the Draft Program (EANET/WGFD 4/3/3).

4. Brief Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET

The Secretariat will make a brief presentation on the Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET. The Session will be invited to discuss and make comments/suggestions regarding the capacity building program for EANET in the future.

5. Consideration on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET

The Secretariat will make a presentation on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET (EANET/WGFD 4/5). The Session will be invited to review the draft text of the instrument paragraph by paragraph, discuss, make comments and provide suggestions/guidance on the draft.

6. Consideration of the Report on Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET

The Secretariat will make a presentation on the Report on Revised Procedures and Guidelines for Voluntary Contribution to EANET (EANET/WGFD 4/6). The session will be invited to discuss, review, make recommendations and provide guidance as appropriate.

7. Consideration of the Draft Set of Procedures to be followed by EANET in Preparation of Project Proposal for Potential Donors

The Secretariat will make presentations on the Draft Set of procedures to be followed by EANET in Preparation of Project Proposal for Potential Donors (EANET/WGFD 4/7) and Priority Areas Identified and Potential Funding Agencies (EANET/WGFD 4/7/1) The Session will be invited to discuss and provide comments and guidance, as appropriate.

8. Other Issues

The Session will discuss and consider other issues to be raised by the participants, Secretariat, and Network Center, if there is any.

9. Consideration and adoption of the Report of the Session

The Session will be invited to consider and adopt the Report of the Session (EANET/WGFD 4/9).

10. Closing of the Session

The Session will be closed by the Chairperson.

The Fourth Session of the Working Group
on Future Development of EANET
4-6 June 2007, Pathumthani, Thailand

Program

First Day (Monday, 04 June 2007)

8:30-9:00	Registration
9:00-9:15	Opening of the Session Election of the Officers Adoption of the Agenda
9:15-10:00	Brief Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET
10:00-11:00	Consideration on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET
11:00-11:30	Coffee Break
11:30-12:30	Consideration on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET (continue)
12:30-14:00	Lunch Break
14:00-15:30	Consideration on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET (continue)
15:30-16:00	Coffee Break
16:00-17:30	Consideration on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET (continue)
18:30	Reception Party

Second Day (Tuesday, 5 June 2007)

9:00-11:00	Consideration of the Report on Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET
11:00-11:30	Coffee Break
11:30-12:30	Consideration of the Draft Set of Procedures to be followed by EANET in Preparation of Proposal for Potential Donors
12:30-14:00	Lunch Break
14:00-16:00	Consideration of the Draft Set of Procedures to be followed by EANET in Preparation of Proposal for Potential Donors (continue)
16:00-16:30	Coffee Break
16:30-17:00	Other Issues

Third Day (Wednesday, 6 June 2007)

9:00-10:30	Consideration of the Report of the Session
10:30-11:00	Coffee Break
11:00-12:30	Consideration on the Report of the Session (continue)
12:30-14:30	Lunch

The Fourth Session of the Working Group
on Future Development of EANET
4-6 June 2007, Pathumthani, Thailand

Brief Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET

I. INTRODUCTION

1. The Capacity Building Course on Future Development of EANET for Officials and Experts in the Participating Countries of EANET was held in Pathumthani, Thailand on 28 May - 01 June 2007. It was organized by the Secretariat for Acid Deposition Monitoring Network in East Asia (EANET), the United Nations Environment Programme, Regional Resource Centre for Asia and the Pacific (UNEP RRC.AP) in cooperation with the Network Center (NC) for EANET.
2. The objective of the course was to enhance capacity of officials and experts to contribute to the process of discussion/negotiation by providing them with the relevant necessary knowledge on acid deposition and other transboundary air pollution issues, practical negotiating skills, and information on some international institutional arrangements.
3. Representatives of Cambodia, China, Indonesia, Japan, Lao PDR, Malaysia, Mongolia, Myanmar, Philippines, Russia, Thailand, and Viet Nam participated in the Capacity Building Course. Representatives from NC and Secretariat also attended the Course. The Resource Persons were experts from Tokyo University of Agriculture and Technology, Japan, KLIMA Climate Change Centre of the Philippines, former Head of the Secretariat of UNECE/CLRTAP, UNEP Regional Office for Asia and the Pacific (ROAP), Pollution Control Department, Thailand, and Tokyo Institute of Technology, Japan and the Secretariat and NC of EANET. The List of Participants and Resource Persons is attached as Annex I.
4. The course was opened by Mr. Mylvakanam Iyngararasan, Acting Coordinator of the EANET Secretariat.
5. The course was facilitated by the Secretariat.

II. SUMMARY OF THE COURSE

Science of Acid Deposition and other Air Pollution Problems

6. Ms. Leong Chow Peng from NC made a presentation on science of acid deposition and other transboundary air pollution problems, mechanism and major impacts. Her lecture provided basic knowledge on acid deposition and relevant transboundary air pollution issues,

including atmospheric science (atmospheric chemistry, types of air pollutants and their interrelations, emission, transportation and deposition processes of pollutants, monitoring and modeling of acid deposition), impacts of acid deposition and relevant air pollutants (impacts on soil, vegetation, aquatic environments, human health etc. and their mutual effects).

Effects of Acid Deposition and Ozone on Plants

7. Dr. Takeshi Izuta from the Tokyo University Agriculture and Technology presented the effects of acid deposition and ozone on plants including direct effects of acid rain on trees, effects of soil acidification on trees, effects of excessive nitrogen on trees and effects of ozone on crops and trees.

History and Present Status of EANET Activities

8. Ms. Adelaida Roman from the Secretariat briefed on the historical progress and status quo of the EANET activities. She presented a brief overview on discussions at EANET bodies and activities that have been carried out in EANET and other frameworks, on substantive issues, administrative decisions including financial and other arrangements.

Major Outcomes of the Report on the Feasibility Study on an Appropriate Instrument to Provide a Sound Basis for Financial Contribution to EANET

9. Mr. Yoshiyuki Yoichi from NC summarized the major outcomes of the Feasibility Study Report on an Appropriate Instrument to Provide a Sound Basis for Financial Contribution to EANET Activities. He introduced the various types of Instruments and the components in an Instrument.

Case Study on Kyoto Protocol

10. Atty. Angela Consuelo S. Ibay, Program Manager of KLIMA Climate Change Center, Philippines presented the history of the Kyoto Protocol, what and who are involved (Parties, Targets and Mechanisms) in the Kyoto Protocol, and the prospects for the future of the Protocol.

Case study on Convention on Long-range Transboundary Air Pollution (CLRTAP)

11. Mr. Lars Nordberg the former head of the Secretariat of CLRTAP, UNECE and advisor to the Swedish International Development Agency (Sida) delivered a lecture on the negotiated policies of the CLRTAP that included the political background, forum, concern for acidification, Framework agreement, Protocols envisaged later. He highlighted the importance of emission inventories and atmospheric modeling for policy and the cost-benefits. In his conclusion he mentioned that hemispheric concerns for air pollution

will prompt many programmes and networks in North America, Europe and Asia to further increase their collaboration on scientific and, ultimately, policy-relevant matters.

Case Study on Montreal Protocol

12. Mr. Atul Bagai, the Regional Network Coordinator, UNEP ROAP Compliance Action Programme introduced the need to protect the ozone layer, the international response, and overall institutional framework of the Montreal Protocol (Parties, Multilateral Fund, National Ozone Unit). He mentioned the key elements of implementation which include project implementation, institutional strengthening, regulations and compliance.

Case Study of the ASEAN Transboundary Haze Agreement

13. Dr. Supat Wangwongwatana, Director General, Pollution Control Department Thailand described the transboundary haze pollution in Southeast Asia in particular the smoke haze episode in 1997 and the development of the ASEAN Agreement on Transboundary Haze Pollution. He further described the open burning controls implemented in Thailand.

Case Study on Malé Declaration

14. Mr. Mylvakanam Iyngararasan, Senior Program Officer of UNEP ROAP provided information on the concept (issue, needs, approach), policy dialogue and the implementation (Phase I, Phase II and Phase III) of the Malé Declaration.

Country Presentations

15. Participants from member countries of EANET made presentations on their major expectations from the Instrument and constraints they may face relating to the negotiating process and possible ways of overcoming the constraints. Some of the participants expressed that the instrument should be simple, flexible and open for future development of EANET.

Cambodia

The participant from Cambodia expressed the lack of law, regulation and national decrees, poor institutional arrangements and cooperation among involved ministries, lack of expertise, experience, facilities, monitoring stations and need of capacity building particularly for policy makers. Funding source is insufficient.

China

The participant from China informed that the Instrument should comply with the initial goal of establishing the Instrument and the actual situation of participating countries should be considered, specifically the needs of developing countries. Capacity building is very important for developing countries. The participant mentioned that the scope of the instrument should be in line with the Joint Announcement and Tentative Design.

Indonesia

The participant from Indonesia mentioned that Indonesia is supporting the EANET Instrument establishment. They hoped that the instrument could encourage the commitment and strengthen the negotiation procedure of the policy maker in relation with the contribution proposal. It was also mentioned that the lack of awareness of the policy makers and the government policy should be addressed.

Japan

The participant from Japan, referring to increasing risk of regional air pollution, indicated that an international Agreement could facilitate the countries to make financial contribution, diversify the financial resources to include international organizations and contribute to the capacity building in East Asia.

Lao PDR

The participant from Lao PDR informed that in view of insufficiency of equipment for monitoring air pollution including acid deposition in Lao PDR, technical assistance including capacity building for technical staff is necessary and cooperation and exchange of information among participating countries and international organizations on air pollution management are important.

Malaysia

The participant from Malaysia mentioned the need for more capacity building when considering an Agreement. Time is required to coordinate further with all the national stakeholders and it is important to obtain strong political support.

Mongolia

The participant from Mongolia highlighted the need for capacity building, difficulty to attract policy makers and constraints of limited financial resources for monitoring activities and country contribution.

Myanmar

The participant from Myanmar described the present status of acid monitoring activities at the Department of Meteorology and Hydrology in Myanmar. The pollution control activities in Myanmar were highlighted.

Philippines

The participant from Philippines expressed their support to the EANET objectives and the Instrument. Regulations implemented in the Philippines to control emissions of air pollution were described.

Russia

The participant from Russia mentioned that although some equipment have been purchased for monitoring of acid deposition, additional domestic funds are necessary to maintain the high quality analyses and support the operation of the station at Primorskaya and open new EANET sites. That would only be possible if Russia signs a legally binding Instrument.

Thailand

The participant from Thailand reported on major common interest expected in the instrument such as research activities, education and training, public awareness and exchange of information. Monitoring and reporting as well as international cooperation are also important.

Viet Nam

The participant from Viet Nam informed that EANET activities should not be limited to only monitoring but should be oriented towards control and management. The budget should be contributed by members as well as from other sources such as NGOs, business sectors and international organizations.

International Negotiations: Basic knowledge required for negotiations

16. Prof. Norichika Kanie from the Tokyo Institute of Technology Japan provided basic information and knowledge generally required for international negotiations. Strategies and process management towards agreement in international negotiations and the multiple actors involved in environmental negotiations are mentioned in his lecture. He also introduced the basic principles and checklist on principled negotiation.

Legal Aspects of International Negotiations

17. Mr. Manjit Iqbal, Legal Consultant to UNEP ROAP informed the course on the importance of pre-negotiation preparations and the general negotiation techniques for an international Agreement. The principal provisions of an Agreement and the binding nature of Agreements are explained.

Exercise on International Negotiations

18. A role-playing exercise on negotiations was held among the participants, based on internationally-developed materials on negotiations. This exercise provided the participants with principled negotiation skills that can be applied to international negotiations.

References and Discussions

19. All presentations were submitted and circulated to the participants in the form of power point presentation, papers and documents as listed in the proceedings.
20. Each presentation was followed by discussions. The participants actively participated in the discussion, exchanged views and experiences during the Session and the exercise on international negotiation.

Field visit

21. On the last day of the course, the participants visited the Bio-Solar House in Thailand by the Chulalongkorn University.

Wrap-up of the course

22. In the wrap-up of the course participants provided their feedback regarding the arrangements and contents of the course:
 - i) The participants informed that the course is very useful and very interesting and expressed their gratitude to the Secretariat and NC for organizing this course and for the resource persons for their great contributions.
 - ii) The participants expressed that this is the first training course in EANET, so there is a need to have more short-training courses, twice a year depending on the availability of funds and to be back to back with other meetings.
 - iii) Duration of the training courses could be minimized.
 - iv) Presentation materials are suggested to be made available among the resource persons before the training to avoid possible duplication.
 - v) In order to ensure the continuity and to train more officials, a module-approach was proposed.

- vi) The participants suggested that the venue of the future courses can be in other EANET participating countries, upon request.
 - vii) It is suggested that the number of participants to be invited from each country be more than two.
23. The course was closed by Mr. Surendra Shrestha, Regional Director and Representative of UNEP.

Annex 1

List of Participants

Participating Countries

Cambodia

Mr. Ken Choviran
Deputy Director
Department of Pollution Control
Ministry of Environment

Mr. Thiv Sophearith
Chief of Air Quality, Noise and Vibration
Management Office
Department of Pollution Control
Ministry of Environment

China

Ms. Gu Li
Program Officer
Regional Environmental Cooperation Division
International Cooperation Department
State Environmental Protection Administration
(SEPA)

Mr. Zhou Jun
Engineer, Institute for International
Environmental Policies
Policy Research Center for Environment and
Economy
State Environmental Protection Administration
(SEPA)

Indonesia

Dr. Ignasius Dwi Atmana Sutapa
Senior Researcher
Inland Water Productivity Department
Research Center for Limnology
Indonesian Institute of Sciences

Ms. Kusmulyani
Officer-in-charge for Acid Deposition
Assistant Deputy for Climate Change Impact
Control
Ministry of Environment

Ms. Astutie Widyarissantie
Staff
Assistant Deputy for Climate Change Impact
Control
Ministry of Environment

Japan

Mr. Toshikazu Hashimoto
Official
Global Environmental Issues Division
Global Environmental Bureau
Ministry of the Environment

Lao PDR

Ms. Sisouphanh Luangrath
Director of Environment Quality Monitoring
Center
Environment Research Institute
Science Technology and Environment Agency

Ms. Darounny Vilaythong
Technical Officer
Environment Quality Monitoring Center
Environment Research Institute
Science Technology and Environment Agency

Malaysia

Ms. Siti Mariam Sumari
EANET Committee Member (Malaysia) /
Lecturer
Faculty of Applied Sciences
University Teknologi MARA

Ms. Toh Ying Ying
Meteorological Officer
Environmental Studies Division
Malaysian Meteorological Department

Mongolia

Mr. Lkhagvasuren Badarch
Director
Central Laboratory of Environment and
Metrology

Ms. Bulgan Tumendemberel
Engineer
Central Laboratory of Environment and
Metrology

Myanmar

Ms. Khin Cho Cho Shein
Assistant Director, Meteorological Division
Department of Meteorology and Hydrology
Ministry of Transport

Ms. Nyein Nyein Naing
Staff Officer
Meteorological Division
Department of Meteorology and Hydrology
Ministry of Transport

Philippines

Engr. Cesar S. Siador, Jr.
Chief, Air Quality Management
Environmental Quality Division
Environmental Management Bureau
Department of Environment and Natural
Resources

Russia

Ms. Marina Mishchuk
Chemist
Laboratory of Monitoring of Atmosphere and Soil
Pollution
Environmental Monitoring Center of
Primorsky Krai

Thailand

Dr. Kessinee Unapumnuak
Environmental Officer
Ambient Air Quality Division
Air Quality and Noise Management Bureau
Pollution Control Department

Mr. Pichaid Atipakya
Environmental Officer
Ambient Air Quality Division
Air Quality and Noise Management Bureau
Pollution Control Department

Vietnam

Dr. Duong Hong Son
Director, Center for Environmental Research
Institute of Meteorology and Hydrology
Ministry of Natural Resources and Environment

Resource Persons

Dr. Takeshi Izuta
Associate Professor
Institute of Symbiotic Science and Technology
Tokyo University of Agriculture and Technology
Japan

Prof. Norichika Kanie
Associate Professor
Graduate School of Decision Science and
Technology
Tokyo Institute of Technology
Japan

Attorney Angela Consuelo S. Ibay
Program Manager
KLIMA Climate Change Center
Philippines

Dr. Supat Wangwongwatana
Director General
Pollution Control Department (PCD)
Thailand

Mr. Atul Bagai
Regional Coordinator (Networking), South Asia
Network
Compliance Assistance Programme
OzoneAction Programme
UNEP Regional Office for Asia and the Pacific
Thailand

Mr. Manjit Iqbal
Consultant
UNEP Regional Office for Asia and the Pacific
Thailand

Mr. Lars Olof Nordberg
Adviser
ScandEnvironment
Sweden

Secretariat

Network Center

Ms. Leong Chow Peng
Deputy Director General
Acid Deposition and Oxidant Research Center
(ADORC)

Mr. Yoshiyuki Yoichi
Deputy Director General
Acid Deposition and Oxidant Research Center
(ADORC)

Mr. Ryoichi Sato
Head, Planning and Training Department
Acid Deposition and Oxidant Research Center
(ADORC)

EANET Secretariat

Mr. Mylvakanam Iyngararasan
Senior Programme Officer
UNEP RRC.AP

Ms. Adelaida B. Roman
Programme Officer, EANET Secretariat
UNEP RRC.AP

Ms. Sumana Ratanasawetwad
Administrative Assistant, EANET Secretariat
UNEP RRC.AP

The Fourth Session of the Working Group
on Future Development of EANET
4-6 June 2007, Pathumthani, Thailand

Draft Texts of the Instrument to Provide a Sound Basis for Contribution to EANET

I. Introduction

1. In November 2005, the Seventh Session of the Intergovernmental Meeting (IG7) adopted the Decision 1/IG7 (Niigata Decision). It decides that the participating countries of EANET should begin a process to discuss an appropriate instrument and its legal status to provide a sound basis for financial contribution to EANET and will report the results of the discussion to the Tenth Session of the Intergovernmental Meeting (IG10) for its consideration, and that the “Feasibility Study Report on an Appropriate Instrument to Provide a Sound Basis for Financial Contribution to EANET Activities” will be a reference for the process of discussion, but it will not be a necessary basis for the process of discussion.
2. Following the report: “Components of the Instrument to Provide a Sound Basis for Contribution to EANET”(EANET/IG 8/6), the Eighth Session of the Intergovernmental Meeting (IG8) of EANET, held in November 2006, in Viet Nam, pointed out that the instrument should be simple, flexible and open for future development of EANET, based on the Joint Announcement and Tentative Design and relevant decisions at the IG meetings and that financial provisions should be developed in close consultation with concerned countries and without placing an undue burden on participating countries.
3. IG8 requested the Secretariat to develop a clean text of the instrument for presentation at the Fourth Session of the Working Group on Future Development (WGFD4) of EANET, taking into account the discussion at IG8.

II. Methods in preparing this report

4. Based on the discussions at IG8, this report presents draft texts for the instrument.
5. The principles to be guided for compiling this report are as follows:
 - (1) The instrument should be simple.
 - (2) The instrument should be flexible and open for future development of EANET.
 - (3) The instrument should be based on the Joint Announcement and Tentative Design and relevant decisions at the IG meetings.
 - (4) Financial provisions should not place an undue burden on participating countries.
6. With regard to the legal status of the instrument, specific conclusion has not been agreed yet among the participating countries. This report proposes texts that would be included for a

legally binding instrument. However, it is important to bear in mind that some components of the instrument and/or parts of the text may be unnecessary if the instrument is to be not legally binding.

7. The scope of pollutants that the instrument will cover has not been agreed yet either. To be flexible and open for future development may mean that it covers other pollutants as well if necessary. On the other hand, to be based on the existing documents such as the Joint Announcement on the Implementation of EANET (EANET/IG 2/5/2rev) and the Tentative Design of EANET (EANET/IG 2/5/3) may mean that it should not beyond the monitoring of acid deposition and the other existing monitoring items.

III. Draft Texts

Title

Framework Agreement to Promote Cooperation for the Prevention and Control of Regional Air Pollution in East Asia

The Parties to this Agreement,

Recognizing that East Asia is facing increasing risks of problems related to regional air pollution, including acid deposition,

Recalling that Agenda 21, adopted at the United Nations Conference on Environment and Development in 1992, stated that the experience of the programs on transboundary air pollution in Europe and North America needed to be shared with other regions of the world,

Acknowledging the successful operation of the preparatory-phase activities of the Acid Deposition Monitoring Network in East Asia, which was undertaken by ten countries in East Asia from 1998 to 2000, following the common understanding expressed at the First Intergovernmental Meeting, on 19-20 March 1998 in Yokohama, Japan,

Recognizing that the Acid Deposition Monitoring Network in East Asia was established in January 2001 as an important initiative for regional cooperation, aiming to create a common understanding on the state of acid deposition problems, to provide useful inputs to policy makers at various levels, and to contribute to cooperation on the issues related to acid deposition among the participating countries.

Emphasizing that activities of the cooperative network on the acid deposition and other regional air pollution in East Asia under the Acid Deposition Monitoring Network in East Asia has been developed by taking a step-wise approach by the Parties on a voluntary basis,

Recognizing the need to promote cooperation for the prevention and control of regional air pollution in East Asia,

Have agreed as follows:

Article 1 **Definitions**

"Party" means a Party to this Agreement, unless the Agreement otherwise provides.

Article 2
Objective

The objective of this Agreement is:

- 1) to create a common understanding of the state of regional air pollution in East Asia;
- 2) to provide useful inputs for decision-making at local, national and regional levels aimed at preventing or reducing adverse impacts on the environment caused by regional air pollution; and
- 3) to cooperate on the issues related to regional air pollution among the Parties.

Article 3
Principles

The Parties shall be guided by the following principles in the implementation of this Agreement:

- 1) The Parties shall, in the spirit of solidarity and partnership and in accordance with their respective needs, capabilities and situations, strengthen cooperation to prevent and control regional air pollution.
- 2) The Parties should take precautionary measures to anticipate, monitor and prevent regional air pollution to minimize its adverse impacts. Where there are threats of serious or irreversible damage from regional air pollution, even without scientific certainty, precautionary measures shall be taken by the Parties concerned.

Article 4
General Obligations

1. The Parties shall take necessary measures to contribute to the cooperation on the issues related to regional air pollution, including acid deposition.
2. The Parties shall take legislative, administrative and/or other measures to implement their obligations under this Agreement.
3. The Parties shall promote and cooperate in the exchange of information related to regional air pollution.
4. The Parties shall promote active participation, and bilateral and multilateral cooperation for effective implementation of research activities.

Article 5
Monitoring and Reporting

1. The Parties shall implement and strengthen their monitoring activities in line with this Agreement.
2. Each Party shall designate a national center, which is responsible for implementing the monitoring activities provided for in the Agreement.
3. Each Party shall develop and implement its national monitoring plan. Monitoring of acid deposition and other regional air pollution shall be implemented in accordance with the monitoring guidelines, technical manuals and other technical documents adopted by the Intergovernmental Meeting (IG), referred to in Article 11.
4. Each Party shall report the monitoring data and other relevant information to the Network

Center (NC), referred to in Article 14, according to guidelines agreed by the Parties.

5. In order to obtain high quality monitoring data, the quality assurance / quality control (QA/QC) programs adopted by the Scientific Advisory Committee (SAC), referred to in Article 13, shall be implemented in full collaboration among the Parties for monitoring activities under the Agreement.
6. The monitoring data and other information submitted by Parties shall be compiled and stored by the NC.
7. The data and other information compiled through [EANET activities] / [activities under the Agreement] shall be provided to individuals, organizations and non-member countries, in accordance with the procedures agreed by the Parties.

Article 6

Assessment

1. The monitoring data and other information submitted by Parties shall be analyzed and evaluated by the SAC.
2. The SAC shall prepare periodic assessment reports on the state of regional air pollution in East Asia, based on the data reports by the NC.
3. Periodic assessment reports prepared pursuant to paragraph 2 of this Article shall be disseminated and made available to the public.

Article 7

Research Activities

1. The Parties shall promote studies of scientific issues related to regional air pollution.
2. Research activities should be mutually reinforcing and supportive with existing regional, sub-regional and national initiatives in East Asia. Collaboration should be promoted with other international monitoring networks and programs in the world.

Article 8

Education and Training

The Parties shall promote and cooperate in developing and implementing education / training programs to implement this Agreement in collaboration with the NC and the Secretariat, referred to in article 12.

Article 9

Public Awareness

The Parties, shall promote and cooperate in:

- 1) development and implementation of public awareness programs on regional air pollution;
and
- 2) improvement of public access to information on regional air pollution and its effects.

Article 10

Exchange of Information

The Parties shall promote and cooperate in the exchange of information related to regional air pollution including scientific, technological, technical, socio-economic and legal information as well as information on administrative measures.

Article 11

Intergovernmental Meeting

- [1. An Intergovernmental Meeting is hereby established.]
2. The IG, composed of the representatives of all Parties, is the decision-making body of the [EANET] / [Agreement]. The tasks of the IG include, among others, the following:
 - 1) review and approval of the work program and budget [of the EANET] / [for implementation of the Agreement];
 - 2) review of implementation of the work program;
 - 3) review and approval of periodic assessment reports on the state of regional air pollution in East Asia;
 - 4) establishment of subsidiary bodies as necessary and appropriate;
 - 5) review and approval of scientific, technical, administrative and financial matters for the management of the [EANET] / [Agreement];
 - 6) adoption of the rules of procedures for the IG and subsidiary bodies, including the SAC;
 - 7) adoption of financial rules for the IG and subsidiary bodies, including the SAC;
 - 8) provision of necessary instructions and guidance to the subsidiary bodies, the Secretariat and the NC on their activities;
 - 9) decision on other matters related to the management of the [EANET] / [Agreement] and implementation of the work program; and
 - 10) adoption of amendments to this Agreement.
3. The IG shall meet annually, unless otherwise decided.

Article 12

Secretariat

- [1. A Secretariat is hereby established.]
2. The Secretariat, designated by the IG for the effective management of the [EANET] / [Agreement] and to facilitate cooperation among Parties in a transparent manner, shall carry out the following tasks under the guidance of the IG:
 - 1) necessary administrative arrangements for the meetings of the IG, the SAC, and other subsidiary bodies;
 - 2) necessary administrative and financial arrangements for managing the [EANET] / [Agreement];
 - 3) communication and cooperation in administrative and policy aspects as the focal point of the [EANET] / [Agreement];
 - 4) promotion of public awareness in cooperation with the NC; and
 - 5) other necessary tasks as requested by the IG.

Article 13

Scientific Advisory Committee

- [1. A Scientific Advisory Committee is hereby established.]
2. The SAC, composed of scientific and technical experts from Parties, shall advise and assist the IG with various scientific and technical matters related to [EANET] activities as mandated to it by the IG. These matters will include the following:
 - 1) scientific and technical aspects of the monitoring strategies;
 - 2) development and revision of the monitoring guidelines and technical manuals;
 - 3) matters related to the selection of monitoring sites, QA/QC programs, data reporting procedures and formats;
 - 4) matters related to collection, evaluation, assessment and analysis of monitoring data;
 - 5) preparation of periodic assessment reports on the state of regional air pollution in East Asia;
 - 6) matters related to studies on regional air pollution; and
 - 7) other scientific matters as requested by the IG.
3. If the Committee considers necessary for fulfilling its objectives, experts from countries other than Parties may be invited to join the committee.

Article 14

Network Center

- [1. A Network Center is hereby established.]
2. The NC, to handle scientific and technical matters of [EANET activities] / [activities under the Agreement], and to facilitate cooperation among Parties in a transparent manner, shall carry out the following tasks under the guidance of the IG:
 - 1) central compilation, evaluation and storage of monitoring data and related information;
 - 2) preparation of data reports on regional air pollution in East Asia;
 - 3) dissemination of monitoring data and other relevant information;
 - 4) provision of technical assistance to the Parties in implementing [EANET activities] / [activities under the Agreement];
 - 5) implementation and coordination of QA/QC activities;
 - 6) development and implementation of education/training programs for those engaged in [EANET activities] / [activities under the Agreement];
 - 7) implementation of research activities on regional air pollution;
 - 8) provision of scientific and technical support for the IG, the SAC and other subsidiary bodies;
 - 9) promote public awareness in cooperation with the Secretariat; and
 - 10) other tasks as requested by the IG.

Article 15

Financial Arrangement

1. A Fund is hereby established for the implementation of this Agreement.
2. The Parties shall, in accordance with the decisions of the IG, make contributions to the Fund.

Article 16

Amendments

1. Any Party may propose amendments to the Agreement.
2. Five years later after the date of entry into force of the Agreement, the IG shall review the text of the Agreement and may propose amendments to the subsequent meeting, if necessary.
3. The text of any proposed amendments to the Agreement shall be communicated to the Parties by the Secretariat at least six months before a meeting of the IG at which it is proposed for adoption. The Secretariat shall also communicate proposed amendments to the signatories to the Agreement.
4. Amendments shall be adopted by consensus of the representatives of the Parties at the meeting of the IG.
5. The adopted amendments shall be communicated by the Secretariat to the Depository, who shall circulate it to all Parties for their acceptance.
6. The amendments shall enter into force for the Parties which have accepted it on the sixtieth day after the date on which [two-thirds] of the Parties have deposited their instruments of acceptance with the depository.
7. Thereafter, the amendments shall enter into force for any other Party on the sixtieth day after the date on which that Party deposits its instrument of acceptance of the amendment.

Article 17

Annexes

1. Annexes to this Agreement shall form an integral part of the Agreement and, unless otherwise expressly provided, a reference to the Agreement constitutes at the same time a reference to the annexes thereto.
2. Annexes shall be adopted by consensus at the meeting of the IG.
3. Any Party may propose amendments to an Annex.
4. Amendments to an Annex shall be adopted by consensus at the meeting of the IG.
5. Annexes to this Agreement and amendments to Annexes shall be subject to acceptance. The Depository shall circulate the adopted Annex or the adopted amendment to an Annex to all Parties for their acceptance. The Annex or the amendment to an Annex shall enter into force on the thirtieth day after the deposit with the Depository of the instruments of acceptance of [all Parties].

Article 18

Protocols

1. The IG may, at any session, adopt protocols to the Agreement.
2. The text of any proposed protocol shall be communicated to the Parties by the Secretariat at

least six months before such a session.

3. The requirements for the entry into force of any protocol shall be established by that instrument.

Article 19

Signature

The Agreement shall be opened for signature at [the United Nations Office at Bangkok] [from ## to ## ##### 2009] by States listed in Annex I.

Article 20

Ratification, Acceptance, Approval and Accession

The Agreement shall be subject to ratification, acceptance, approval or accession by States listed in Annex I. It shall be open for accession by such States from the day after the date on which the Agreement is closed for signature. Instruments of ratification, acceptance, approval or accession shall be deposited with the Depositary.

Article 21

Entry into force

1. The Agreement shall enter into force on the sixtieth day after the deposit of the [seventh/ ninth] instrument of ratification, acceptance, approval or accession.
2. For each Party ratifying, accepting, approving or acceding to the Agreement after the deposit of the [seventh/ninth] instrument of ratification, acceptance, approval or accession, the Agreement shall enter into force on the sixtieth day after the deposit by such Party of its instrument of ratification, acceptance, approval or accession.

Article 22

Application for Accession

1. Any State not listed in Annex I may submit its application for accession to this Agreement to the Secretariat, which shall be subject to approval by the IG.
2. Once its application is approved, the State may deposit its instrument of ratification, acceptance, approval or accession with the Depositary.

Article 23

Withdrawal

1. At any time after three years from the date on which the Agreement has entered into force for a Party, that Party may withdraw from the Agreement by giving written notification to the Depositary.
2. Any such withdrawal shall take effect upon expiry of one year from the date of receipt by the Depositary of the notification of withdrawal, or on such later date as may be specified in the notification of withdrawal.

Article 24

Depositary

The Secretary-General of the United Nations shall be the Depositary of the Agreement.

Article 25

Authentic Text

The present Agreement shall be drawn up in the English language, and shall be the authentic text.

Annex I

Cambodia

China

Indonesia

Japan

Lao People's Democratic Republic

Malaysia

Mongolia

Myanmar

Philippines

Republic of Korea

Russian Federation

Thailand

Viet Nam

DECISION 1/IG.7 (The Niigata Decision)

The Seventh Session of the Intergovernmental Meeting (IG7) on the Acid Deposition Monitoring Network in East Asia (EANET), on 21-22 November 2005 in Niigata, Japan,

Recognizing that the East Asian region faces increasing risks of problems related to the acid deposition,

Recognizing that the EANET has been established as an important initiative for regional cooperation, aiming to create the common understanding on the state of acid deposition problems and for providing useful inputs to policy makers at various levels,

Recalling the agreements reached at the Second Session of the Intergovernmental Meeting through Decisions 2 and paragraph 2 of the Joint Announcement on the Implementation of the Acid Deposition Monitoring Network in East Asia (EANET),

Recognizing that the EANET Decision 1/IG5 clearly states to review the possibility of developing an international agreement to provide a sound basis for financial contribution and the importance of long-term, secured financial arrangement for the EANET activities,

Taking into account the discussions at the sessions of the Intergovernmental Meeting as well as the Working Group on Future Development (WGFD) of EANET,

Considering that in some countries the negotiations on the new financial arrangement with national financial bodies require legal status and mandate,

1. Confirms that the principles that were agreed at the Second Session of the Intergovernmental Meeting should remain as the basic policy of the EANET activities;
2. Decides that the participating countries of EANET should begin a process to discuss an appropriate instrument and its legal status to provide a sound basis for financial contribution for EANET and will report the results of the discussion to IG10 for its consideration, and that the "Feasibility Study Report on an Appropriate Instrument to Provide a Sound Basis for Financial Contribution to EANET Activities" will be a reference for the process of discussion, but it will not be a necessary basis for the process of discussion;
3. Decides that the above-mentioned process should be carried out on the basis of the best available scientific information from EANET on acid deposition and its impacts;
4. Decides that the above-mentioned process should be initiated at the earliest and conducted through WGFD;

5. Suggests that the discussion process should consider the following:
 - Elements to be included in the instrument;
 - Legal status of the instrument; and,
 - Proposed text of the instrument;

6. Requests the Secretariat to provide a working paper on the revised schedule of WGFD for discussion immediately after the IG7.

	Text	References
Title	Framework Agreement to Promote Cooperation for the Prevention and Control of Regional Air Pollution in East Asia	
Preamble	Preamble	
	The Parties to this Agreement,	
	Recognizing that East Asia is facing increasing risks of problems related to regional air pollution, including acid deposition,	EANET Joint Announcement Preamble replaced "problems related to acid deposition" with "problems related to regional air pollution, including acid deposition"
	Recalling that Agenda 21, adopted at the United Nations Conference on Environment and Development in 1992, stated that the experience of the programs on transboundary air pollution in Europe and North America needed to be shared with other regions of the world,	same as EANET Joint Announcement Preamble
	Acknowledging the successful operation of the preparatory-phase activities of the Acid Deposition Monitoring Network in East Asia, which was undertaken by ten countries in East Asia from 1998 to 2000, following the common understanding expressed at the First Intergovernmental Meeting, on 19-20 March 1998 in Yokohama, Japan,	EANET Joint Announcement Preamble
	Recognizing that the Acid Deposition Monitoring Network in East Asia was established in January 2001 as an important initiative for regional cooperation, aiming to create a common understanding on the state of acid deposition problems, to provide useful inputs to policy makers at various levels, and to contribute to cooperation on the issues related to acid deposition among the participating countries.	summarized Decision1/IG7 para2 "Recognizing that EANET has established as an important initiative for regional cooperation, aiming to create a common understanding on the state of acid deposition problems, provide useful inputs to policy makers at various levels" and EANET Joint Announcement 1, "... start the activities of EANET on a regular basis from January 2001, in a transparent manner to achieve the following objectives: 1) to create a common understanding ... 2) to provide useful inputs for decision-making ...; and 3) to contribute to cooperation..."
Emphasizing that activities of the cooperative network on the acid deposition and other regional air pollution in East Asia under the Acid Deposition Monitoring Network in East Asia has been developed by taking a step-wise approach by the Parties on a voluntary basis,	EANET Decision 1/IG.5 para.2.(i) and (ii) modified from "(i) Financial contribution should be on a voluntary basis, at least for the initial stage of the regular phase. In other words, a burden sharing principle is not mandatory unless otherwise decided" and "(ii) Step-wise approach should be taken for financial contribution by the participating countries"	
Recognizing the need to promote cooperation for the prevention and control of regional air pollution in East Asia,	EANET Joint Announcement 1.3 modified from "to contribute to cooperation on the issues related to acid deposition among the participating countries."	
Have agreed as follows:		
Definitions	Article 1 Definitions	
	"Party" means a Party to this Agreement, unless the Agreement otherwise provides.	

	Text	References
Objective	Article 2 Objective	
	The objective of this Agreement is:	EANET Joint Announcement 1 modified from "The countries participating in this Meeting will cooperatively start the activities of EANET on a regular basis from January 2001, in a transparent manner to achieve the following objectives"
	1) to create a common understanding of the state of regional air pollution in East Asia;	EANET Joint Announcement 1.1 replaced "the acid deposition problems" with "regional air pollution"
	2) to provide useful inputs for decision-making at local, national and regional levels aimed at preventing or reducing adverse impacts on the environment caused by regional air pollution; and	EANET Joint Announcement 1.2 replaced "acid deposition" with "regional air pollution"
	3) to cooperate on the issues related to regional air pollution among the Parties.	EANET Joint Announcement 1.3 modified from "to contribute to cooperation on the issues related to acid deposition among the participating countries"
Principles	Article 3 Principles	
	The Parties shall be guided by the following principles in the implementation of this Agreement:	same as Haze Agreement 3
	1.) The Parties shall, in the spirit of solidarity and partnership and in accordance with their respective needs, capabilities and situations, strengthen cooperation to prevent and control regional air pollution.	HAZE Agreement 3.2 replaced "prevent and monitor transboundary haze pollution as a result of land and/or forest fires which should be mitigated." with "prevent and control regional air pollution." deleted "and coordination"
	2.) The Parties should take precautionary measures to anticipate, monitor and prevent regional air pollution to minimize its adverse impacts. Where there are threats of serious or irreversible damage from regional air pollution, even without scientific certainty, precautionary measures shall be taken by the Parties concerned.	Haze Agreement 3.3 modified from "The Parties should take precautionary measures to anticipate, prevent and monitor transboundary haze pollution as a result of land and/or forest fires which should be mitigated, to minimise its adverse effects. Where there are threats of serious or irreversible damage from transboundary haze pollution, even without full scientific certainty, precautionary measures shall be taken by Parties concerned"

	Text	References
General Obligations	Article 4 General Obligations	
	1. The Parties shall take necessary measures to contribute to the cooperation on the issues related to regional air pollution, including acid deposition.	EANET Joint Announcement 1.3 modified from "to contribute to cooperation on the issues related to acid deposition among the participating countries"
	2. The Parties shall take legislative, administrative and/or other measures to implement their obligations under this Agreement.	same as Haze Agreement 4.3
	3. The Parties shall promote and cooperate in the exchange of information related to regional air pollution.	summarized EANET Tentative Design 3.2 summarized "The monitoring data and other information submitted by participating countries will be compiled, evaluated and stored by the Network. Any participating country may obtain the data and other information submitted by other participating countries." and EANET Tentative Design 3.5 "The data and other information compiled through the network activities may be provided to individuals, organizations and non-member countries, in accordance with specified procedures."
4. The Parties shall promote active participation, and bilateral and multilateral cooperation for effective implementation of research activities.	EANET Joint Announcement 4 modified from "The participating countries will promote more active participation, and bilateral and multilateral cooperation for effective implementation of the network activities. The network activities should be mutually reinforcing and supportive with existing regional, subregional and national initiatives in East Asia. Collaboration should be promoted with other international monitoring networks and programs in the world."	

	Text	References
Monitoring and Reporting	Article 5 Monitoring and Reporting	
	1. The Parties shall implement and strengthen their monitoring activities in line with this Agreement.	EANET Joint Announcement 3 modified from "The participating countries will implement and strengthen their monitoring activities in line with the Tentative Design of EANET, until a further document describing the activities of EANET will be elaborated"
	2. Each Party shall designate a national center, which is responsible for implementing the monitoring activities provided for in the Agreement.	EANET Tentative Design 3.1 modified from "Each participating country will designate a national center, which is responsible for implementing the monitoring activities for the Network in the country and reporting monitoring data."
	3. Each Party shall develop and implement its national monitoring plan. Monitoring of acid deposition and other regional air pollution shall be implemented in accordance with the monitoring guidelines, technical manuals and other technical documents adopted by the Intergovernmental Meeting (IG), referred to in Article 11.	EANET Tentative Design 3.1 modified from "Each participating country will develop and implement a national monitoring plan for the Network. The acid deposition monitoring will be implemented in accordance with the monitoring guidelines, technical manuals and other technical documents adopted by the Network. Each participating country will report the monitoring data and other relevant information in accordance with specified procedures. Each participating country will designate a national center, which is responsible for implementing the monitoring activities for the Network in the country and reporting monitoring data"
	4. Each Party shall report the monitoring data and other relevant information to the Network Center (NC), referred to in Article 14, according to guidelines agreed by the Parties.	EANET Tentative Design 3.1 modified from "Each participating country will report the monitoring data and other relevant information in accordance with specified procedures."
	5. In order to obtain high quality monitoring data, the quality assurance / quality control (QA/QC) programs adopted by the Scientific Advisory Committee (SAC), referred to in Article 13, shall be implemented in full collaboration among the Parties for monitoring activities under the Agreement.	EANET Tentative Design 3.3 replaced "the Network" with "the Scientific Advisory Committee (SAC) , referred to in Article 13" replaced "will" with "shall" replaced "participating countries" with "Parties for monitoring activities under the Agreement"
	6. The monitoring data and other information submitted by Parties shall be compiled and stored by the NC.	EANET Tentative Design 3.2 modified from "The monitoring data and other information submitted by participating countries will be compiled, evaluated and stored by the Network. Any participating country may obtain the data and other information submitted by other participating countries"
7. The data and other information compiled through [EANET activities] / [activities under the Agreement] shall be provided to individuals, organizations and non-member countries, in accordance with the procedures agreed by the Parties.	EANET Tentative Design 3.5 modified from "The data and other information compiled through the network activities may be provided to individuals, organizations and non-member countries, in accordance with specified procedures."	

	Text	References
Assessment	Article 6 Assessment	
	1. The monitoring data and other information submitted by Parties shall be analyzed and evaluated by the SAC.	EANET Tentative Design 3.2 modified from "The monitoring data and other information submitted by participating countries will be compiled, evaluated and stored by the Network. Any participating country may obtain the data and other information submitted by other participating countries"
	2. The SAC shall prepare periodic assessment reports on the state of regional air pollution in East Asia, based on the data reports by the NC.	EANET Tentative Design 6.5 modified from "preparation of periodic reports on the state of acid deposition in East Asia, based on the data reports by the Network Center"
	3. Periodic assessment reports prepared pursuant to paragraph 2 of this Article shall be disseminated and made available to the public.	EANET Tentative Design 3.4 modified from "Periodic reports on the state of acid deposition in East Asia will be produced and made available to the public."
Research Activities	Article 7 Research Activities	
	1. The Parties shall promote studies of scientific issues related to regional air pollution.	EANET Tentative Design 3.6 modified from "The participating countries will promote studies of other scientific issues in order to improve understanding of the risks of acid deposition"
	2. Research activities should be mutually reinforcing and supportive with existing regional, sub-regional and national initiatives in East Asia. Collaboration should be promoted with other international monitoring networks and programs in the world.	EANET Joint Announcement 4 replaced "network" with "research"
Education and Training	Article 8 Education and Training	
	The Parties shall promote and cooperate in developing and implementing education / training programs to implement this Agreement in collaboration with the NC and the Secretariat, referred to in article 12.	EANET Tentative Design 9.6 modified from "development and implementation of education/training programs for those engaged in the network activities"
Public Awareness	Article 9 Public Awareness	
	The Parties, shall promote and cooperate in: 1.) development and implementation of public awareness programs on regional air pollution; and 2.) improvement of public access to information on regional air pollution and its effects.	
Exchange of Information	Article 10 Exchange of Information	
	The Parties shall promote and cooperate in the exchange of information related to regional air pollution including scientific, technological, technical, socio-economic and legal information as well as information on administrative measures.	UNFCCC 4.1 (h) modified from "Promote and cooperate in the full, open and prompt exchange of relevant scientific, technological, technical, socio-economic and legal information related to the climate system and climate change, and to the economic and social consequences of various response strategies"

	Text	References
Intergovernmental Meeting	Article 11 Intergovernmental Meeting	
	[1. An Intergovernmental Meeting is hereby established.]	
	2. The IG, composed of the representatives of all Parties, is the decision-making body of the [EANET] / [Agreement]. The tasks of the IG include, among others, the following:	EANET Tentative Design 4 replaced "all the participating countries" with "all Parties" replaced "body of the Network" with "body of the [EANET] / [Agreement]"
	1) review and approval of the work program and budget [of the EANET] / [for implementation of the Agreement];	EANET Tentative Design 4.1 replaced "of the Network" with "[of the EANET] / [for the implementation of the Agreement]"
	2) review of implementation of the work program;	same as EANET Tentative Design 4.2
	3) review and approval of periodic assessment reports on the state of regional air pollution in East Asia;	EANET Tentative Design 4.3 added "assessment" replaced "acid deposition" with "regional air pollution"
	4) establishment of subsidiary bodies as necessary and appropriate;	same as EANET Tentative Design 4.4
	5) review and approval of scientific, technical, administrative and financial matters for the management of the [EANET] / [Agreement];	EANET Tentative Design 4.5 replaced "Network" with "[EANET] / [the Agreement]"
	6) adoption of the rules of procedures for the IG and subsidiary bodies, including the SAC;	same as EANET Tentative Design 4.6
	7) adoption of financial rules for the IG and subsidiary bodies, including the SAC;	
8) provision of necessary instructions and guidance to the subsidiary bodies, the Secretariat and the NC on their activities;	same as EANET Tentative Design 4.7	
9) decision on other matters related to the management of the [EANET] / [Agreement] and implementation of the work program; and	EANET Tentative Design 4.8 replaced "Network" with "[EANET] / [the Agreement]"	
10) adoption of amendments to this Agreement.	Haze Agreement 23.4 modified from "Amendments to an Annex shall be adopted by consensus at an ordinary meeting of the Conference of the Parties."	
3. The IG shall meet annually, unless otherwise decided.	EANET Tentative Design 5 replaced "will" with "shall"	
Secretariat	Article 12 Secretariat	
	[1. A Secretariat is hereby established.]	
	2. The Secretariat, designated by the IG for the effective management of the [EANET] / [Agreement] and to facilitate cooperation among Parties in a transparent manner, shall carry out the following tasks under the guidance of the IG:	EANET Tentative Design 8 replaced "the Network" with "[EANET] / [Agreement]" replaced "participating countries" with "Parties" replaced "will" with "shall"
	1) necessary administrative arrangements for the meetings of the IG, the SAC, and other subsidiary bodies;	same as EANET Tentative Design 8.1
	2) necessary administrative and financial arrangements for managing the [EANET] / [Agreement];	EANET Tentative Design 8.2 replaced "Network" with "[EANET] / [Agreement]"
	3) communication and cooperation in administrative and policy aspects as the focal point of the [EANET] / [Agreement];	EANET Tentative Design 8.3 replaced "administrative aspects as the focal point of the Network" with "administrative and policy aspects as the focal point of the [EANET] / [Agreement]"
4) promotion of public awareness in cooperation with the NC; and		
5) other necessary tasks as requested by the IG.	same as EANET Tentative Design 8.4	

	Text	References
Scientific Advisory Committee	Article 13 Scientific Advisory Committee	
	[1. A Scientific Advisory Committee is hereby established.]	
	2. The SAC, composed of scientific and technical experts from Parties, shall advise and assist the IG with various scientific and technical matters related to [EANET] activities as mandated to it by the IG. These matters will include the following:	EANET Tentative Design 6 replace "participating countries, will advise" with "Parties, shall advise" replaced "the network" with "[EANET]"
	1) scientific and technical aspects of the monitoring strategies;	EANET Tentative Design 6.1 deleted "for the Network"
	2) development and revision of the monitoring guidelines and technical manuals;	same as EANET Tentative Design 6.2
	3) matters related to the selection of monitoring sites, QA/QC programs, data reporting procedures and formats;	same as EANET Tentative Design 6.3
	4) matters related to collection, evaluation, assessment and analysis of monitoring data;	same as EANET Tentative Design 6.4
	5) preparation of periodic assessment reports on the state of regional air pollution in East Asia;	EANET Tentative Design 6.5 added "assessment" replaced "acid deposition in East Asia, based on the data reports by the Network Center" with "regional air pollution in East Asia"
	6) matters related to studies on regional air pollution; and	EANET Tentative Design 6.6 replaced "studies of other scientific issues" with "studies on regional air pollution"
	7) other scientific matters as requested by the IG.	same as EANET Tentative Design 6.7
3. If the Committee considers necessary for fulfilling its objectives, experts from countries other than Parties may be invited to join the committee.	EANET Tentative Design 7 modified from "If considered necessary for fulfilling the objectives of the committee, experts from countries other than participating countries may be invited to join the committee"	
Network Center	Article 14 Network Center	
	[1. A Network Center is hereby established.]	
	2. The NC, to handle scientific and technical matters of [EANET activities] / [activities under the Agreement], and to facilitate cooperation among Parties in a transparent manner, shall carry out the following tasks under the guidance of the IG:	EANET Tentative Design 9 replaced "the network activities" with "[EANET activities] / [activities under the Agreement]" replaced "participating countries" with "Parties" replaced "will" with "shall"
	1) central compilation, evaluation and storage of monitoring data and related information;	same as EANET Tentative Design 9.1
	2) preparation of data reports on regional air pollution in East Asia;	EANET Tentative Design 9.2 replaced "acid deposition" with "regional air pollution"
	3) dissemination of monitoring data and other relevant information;	same as EANET Tentative Design 9.3
	4) provision of technical assistance to the Parties in implementing [EANET activities] / [activities under the Agreement];	EANET Tentative Design 9.4 replaced "participating countries" with "Parties" replaced "network activities" with "[EANET activities] / [activities under the Agreement]"
	5) implementation and coordination of QA/QC activities;	same as EANET Tentative Design 9.5
	6) development and implementation of education/training programs for those engaged in [EANET activities] / [activities under the Agreement];	EANET Tentative Design 9.6 replaced "the network activities" with "[EANET activities] / [activities under the Agreement]"
	7) implementation of research activities on regional air pollution;	EANET Tentative Design 9.7 replaced "acid deposition" with "regional air pollution"
8) provision of scientific and technical support for the IG, the SAC and other subsidiary bodies;	same as EANET Tentative Design 9.8	
9) promote public awareness in cooperation with the Secretariat; and		
10) other tasks as requested by the IG.	same as EANET Tentative Design 9.9	

	Text	References
Financial Arrangement	Article 15 Financial Arrangement	
	<p>1. A Fund is hereby established for the implementation of this Agreement.</p> <p>2. The Parties shall, in accordance with the decisions of the IG, make contributions to the Fund.</p>	<p>same as Haze Agreement 20.1</p> <p>Haze Agreement 20.4 replaced "COP" with "IG" deleted "voluntary"</p>
Amendments	Article 16 Amendments	
	1. Any Party may propose amendments to the Agreement.	same as Haze Agreement 22.1
	2. Five years later after the date of entry into force of the Agreement, the IG shall review the text of the Agreement and may propose amendments to the subsequent meeting, if necessary.	
	3. The text of any proposed amendments to the Agreement shall be communicated to the Parties by the Secretariat at least six months before a meeting of the IG at which it is proposed for adoption. The Secretariat shall also communicate proposed amendments to the signatories to the Agreement.	Haze Agreement 22.2 replaced "amendment" with "amendments to the Agreement" replaced "the Conference of the Parties at" with "a meeting of the Intergovernmental Meeting at"
	4. Amendments shall be adopted by consensus of the representatives of the Parties at the meeting of the IG.	Haze Agreement 22.3 replaced "consensus at an ordinary meeting of the Conference of the Parties" with "consensus of the representatives of the Parties at the meeting of the Intergovernmental Meeting"
	5. The adopted amendments shall be communicated by the Secretariat to the Depositary, who shall circulate it to all Parties for their acceptance.	UNFCCC 15.3 replaced "amendment" with "amendments"
	6. The amendments shall enter into force for the Parties which have accepted it on the sixtieth day after the date on which [two-thirds] of the Parties have deposited their instruments of acceptance with the depositary.	CLRTAP 12.3 modified from "An amendment to the present Convention shall be adopted by consensus of the representatives of the Contracting Parties, and shall enter into force for the Contracting Parties which have accepted it on the ninetieth day after the date on which two-thirds of the Contracting Parties have deposited their instruments of acceptance with the depositary"
7. Thereafter, the amendments shall enter into force for any other Party on the sixtieth day after the date on which that Party deposits its instrument of acceptance of the amendment.	CLRTAP 12.3 modified from "Thereafter, the amendment shall enter into force for any other Contracting Party on the ninetieth day after the date on which that Contracting Party deposits its instrument of acceptance of the amendment"	
Annexes	Article 17 Annexes	
	<p>1. Annexes to this Agreement shall form an integral part of the Agreement and, unless otherwise expressly provided, a reference to the Agreement constitutes at the same time a reference to the annexes thereto.</p> <p>2. Annexes shall be adopted by consensus at the meeting of the IG.</p> <p>3. Any Party may propose amendments to an Annex.</p> <p>4. Amendments to an Annex shall be adopted by consensus at the meeting of the IG.</p> <p>5. Annexes to this Agreement and amendments to Annexes shall be subject to acceptance. The Depositary shall circulate the adopted Annex or the adopted amendment to an Annex to all Parties for their acceptance. The Annex or the amendment to an Annex shall enter into force on the thirtieth day after the deposit with the Depositary of the instruments of acceptance of [all Parties].</p>	<p>Haze Agreement 23 replaced "Conference of the Parties" to "IG"</p> <p>4. replaced "an ordinaty meeting" with "the meeting"</p>

	Text	References
	Article 18 Protocols	
Protocols	<p>1. The IG may, at any session, adopt protocols to the Agreement.</p> <p>2. The text of any proposed protocol shall be communicated to the Parties by the Secretariat at least six months before such a session.</p> <p>3. The requirements for the entry into force of any protocol shall be established by that instrument.</p>	<p>UNFCCC 17.1 replaced "The Conference of the Parties may, at any ordinary session" with "The IG may, at any session" replaced "Convention" with "Agreement"</p> <p>same as UNFCCC 17.2</p> <p>same as UNFCCC 17.3</p>
	Article 19 Signature	
Signature	The Agreement shall be opened for signature at [the United Nations Office at Bangkok] [from ## to ## ##### 2009] by States listed in Annex I.	CLRTAP 14.1 modified from "The present Convention shall be open for signature at the United Nations Office at Geneva from 13 to 16 November 1979 on the occasion....."
	Article 20 Ratification, Acceptance, Approval and Accession	
Ratification, Acceptance, Approval and Accession	The Agreement shall be subject to ratification, acceptance, approval or accession by States listed in Annex I. It shall be open for accession by such States from the day after the date on which the Agreement is closed for signature. Instruments of ratification, acceptance, approval or accession shall be deposited with the Depository.	Haze Agreement 28 replaced "Member States" with "States listed in Annex I" added "by such States"
	Article 21 Entry into force	
Entry into force	<p>1. The Agreement shall enter into force on the sixtieth day after the deposit of the [seventh/ ninth] instrument of ratification, acceptance, approval or accession.</p> <p>2. For each Party ratifying, accepting, approving or acceding to the Agreement after the deposit of the [seventh/ninth] instrument of ratification, acceptance, approval or accession, the Agreement shall enter into force on the sixtieth day after the deposit by such Party of its instrument of ratification, acceptance, approval or accession.</p>	<p>Haze Agreement 29.1 replaced "This Agreement" with "The Agreement" replaced "sixth" with "[seventh/nineth]"</p> <p>Haze Agreement 29.2 replaced "Member State" with "Party" replaced "sixth" with "[seventh/nineth]"</p>
	Article 22 Application for Accession	
Application for Accession	<p>1. Any State not listed in Annex I may submit its application for accession to this Agreement to the Secretariat, which shall be subject to approval by the IG.</p> <p>2. Once its application is approved, the State may deposit its instrument of ratification, acceptance, approval or accession with the Depository.</p>	EANET Tentative Design 1 modified from "Countries in East Asia, which includes Northeast and Southeast Asia (the definition to be explored), not originally participating in EANET, may subsequently submit to the Secretariat an application for participation, which is subject to approval by the Intergovernmental Meeting"
	Article 23 Withdrawal	
Withdrawal	<p>1. At any time after three years from the date on which the Agreement has entered into force for a Party, that Party may withdraw from the Agreement by giving written notification to the Depository.</p> <p>2. Any such withdrawal shall take effect upon expiry of one year from the date of receipt by the Depository of the notification of withdrawal, or on such later date as may be specified in the notification of withdrawal.</p>	<p>UNFCCC 25.1 replaced "the Convention" with "the Agreement"</p> <p>same as UNFCCC 25.2</p>
	Article 24 Depository	
Depository	The Secretary-General of the United Nations shall be the Depository of the Agreement.	UNFCCC 19 replaced "of the Convention and of protocols adopted in accordance with Article 17" with "of the Agreement"
	Article 25 Authentic Text	
Authentic Text	The present Agreement shall be drawn up in the English language, and shall be the authentic text.	Haze Agreement 32 Replaced "This Agreement" with "The present Agreement"

	Text	References
Annex I	Annex I ----- Cambodia China Indonesia Japan Lao People's Democratic Republic Malaysia Mongolia Myanmar Philippines Republic of Korea Russian Federation Thailand Viet Nam	

The Fourth Session of the Working Group
on Future Development of EANET
4-6 June 2007, Pathumthani, Thailand

Report on Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET

I. Introduction

1. The Fifth Session of the Intergovernmental Meeting of EANET (IG5) held in Pattaya, Thailand in 2003 reached consensus on the Decision on the Further Financial Arrangement for EANET. The Decision I/IG5 stated, “Decides that the participating countries of the Acid Deposition Monitoring Network in East Asia (EANET) should make effort, on a voluntary basis, to make financial contributions to the Network Center (NC) and the Secretariat budget up to 2004. Taking into account the latest actual expenditure figures, countries will then make effort on a voluntary basis to contribute to the budget to be directly spent by the Secretariat using fully the latest UN assessment scale-based burden sharing as the first step. After three years, the performance and transparency of the Network should be reviewed to explore the possibility of strengthening and extending the burden sharing. The possibility of introducing minimum contribution amount from the participating countries should also be explored.” (Refer to the Decision I/IG5 in Annex 1).
2. With regard to voluntary financial contribution to the Secretariat and NC core budget, the Eighth Session of the Intergovernmental Meeting of EANET (IG8) in November 2006 in Hanoi, Viet Nam discussed “Revision of Procedures and Guidelines for Contribution to EANET”. IG8 agreed to move to the flat rate burden sharing system for voluntary financial contributions from participating countries to EANET from year 2008, in principle based on approved Strategy on EANET Development (2006-2010) documents and requested the figures of the Secretariat budget to be further examined at the WGFD sessions.
3. The Secretariat and NC is submitting this document to the Fourth Session of the Working Group on Future Development of EANET (WGFD4) in June 2007, for discussion on the voluntary financial contributions from the participating countries to the Secretariat and NC core budget starting from year 2008, before it is finalized at the Ninth Session of the Intergovernmental Meeting (IG9) to be held in autumn 2007.

II. Previous discussions after IG5 in 2003

4. According to the Report of the Sixth Session of the Intergovernmental Meeting of EANET (IG6) in 2004, it was suggested that the burden sharing to the Secretariat budget should be based on two years ago actual expenditures of the Secretariat and according to the latest UN assessment scale.
5. However, several countries mentioned at the First Special Session of the Working Group on Future Development of EANET (WGFD-S1) held in November 2005 in Niigata, Japan that when seeking contributions for EANET from their governments, they need more advanced notice of the target amounts. It was thus recommended to use the figures from three years previous as the base year budget instead of two years (e.g., the base year for 2006 should be 2003, not 2004). The Seventh Session of the Intergovernmental Meeting of EANET (IG7) in November 2005 suggested considering an appropriate mechanism to decide the amount of voluntary financial contributions to the Secretariat budget by the participating countries.
6. As part of efforts to improve transparency and efficiency of EANET activities, the Secretariat and NC submitted the “Report on the Review of Performance of the Secretariat and NC (EANET/IG 7/12)” to IG7. The report was adopted by the session. NC has made numerous efforts to ensure transparency and efficiency of its tasks since the start of the preparatory phase activities of EANET. In line with Decision I/IG5, the possibility of extending the burden sharing to NC core budget should be explored through discussions at WGFD and IG with the aim of starting the contributions from the participating countries to the NC core budget from year 2008.
7. During the Second Special Session of the Working Group on Future Development of EANET (WGFD-S2) held in August 2006, the participating countries suggested that efforts should be continued to narrow the gap between budget and actual expenditures of the Secretariat. The Secretariat has made efforts to narrow the gap between the budget and actual expenditures since then.
8. IG8 requested that clearer definitions of “Core Budget of NC” should be explored.

III. Draft Proposal on Appropriate Mechanism for Voluntary Financial Contributions

(1) Voluntary Contributions to the Secretariat Budget

9. IG8 agreed that the voluntary financial contribution to the Secretariat budget from the participating countries in 2008-2010 will be a flat rate amount calculated from the projected budget for consecutive 3 years period (2008-2010) as reported in the document “Workload and Cost for Implementing the Strategy on EANET Development

(2006-2010) (EANET/IG 8/7/2 rev)”. The draft detailed estimated flat rate contribution (US \$) from the participating countries is shown in Table 1 of Annex 2.

10. The figures will be reviewed after 3 years, based on the next “Strategy on EANET Development (2011-2015)” or other alternative plan to be decided by EANET.

(2) Voluntary Contributions to the Network Center Core Budget

11. Voluntary financial contribution to NC core budget from the participating countries in 2008-2010 is now being considered in accordance with Decision I/IG5 in 2003. In accordance with the suggestions from IG8 in 2006 and based on the “Strategy on EANET Development (2006-2010)”, a flat rate amount calculated from projected budget for consecutive 3-year period (2008-2010) as reported in the document “Workload and Cost for Implementing the Strategy on EANET (2006-2010) is recommended.
12. Based on the suggestion from IG8 that clearer definitions of NC’s core budget and additional budget be explored, NC has carefully re-examined its activities to determine which should be financed by voluntary contributions from the participating countries. In this regard, NC has proposed the following changes:
 - Considering the importance of capacity building activities of EANET, NC suggests that the budget on training for the participating countries of EANET be included in the core budget;
 - “Attendance of NC staff to EANET meetings” be moved to the additional budget; and
 - All core budget activities shall be involving the participating countries of EANET.
13. The revised definition of “NC Core Budget” and “NC Additional Budget” are as follows:

The core budget: The cost of all activities indispensable for promoting the Network activities in the participating countries.

The additional budget: The cost for strengthening the Network by providing technical assistance to the participating countries and by promoting further research activities.

Detailed items of the “NC Core Budget” will include the following:

- (1) Central compilation, evaluation and storage of data etc.
 - Data verification
 - Maintenance of database
- (2) Preparation of data report
- (3) Dissemination of data and relevant information
- (4) Strengthening technical capacity in participating countries

- STM Meeting
 - (5) Implementation and coordination of QA/QC activities
 - Inter-laboratory comparison surveys
 - Individual questions and answers
 - (6) Implementation of training activities
 - Development of annual training program
 - Assistance for national training activities
 - Coordination with and support for other training programs
 - Individual training at NC
 - (7) Technical support for EANET meetings
 - Preparation of technical documents
 - Support for Task Force on Dry Deposition Monitoring
 - Support for Task Force on Soil and Vegetation
 - Management of the network on soil/vegetation specialists
 - (8) Administrative works
 - Miscellaneous (discussions on Instrument, next MTP, etc.)
14. Based on this definition of NC core budget, the average of the projected amount required for core budget activities in the period 2008-2010 is USD 457,000. The estimated flat rate financial contribution from the participating countries for this period is shown in Table 2 of Annex 2.

References

Some relevant tables are also shown as references of the discussion as follows:

- (1) Table 2A: Network Center Revised Core Budget in 2001-2010
- (2) Table 2B: Network Center Expenditure in 2001-2005
 - Revised Core Budget Activities -
- (3) Table 2C: Network Center (Previous) Core Budget in 2001-2010
- (4) Table 2D: Network Center Expenditure in 2001-2005
 - (Previous) Core Budget Activities -

Note:

NC also has made best effort to reduce the personnel cost. The estimated average man-power (Man/months) under revised NC Core Budget Activities during 2006-2010 is 57.52 Man/months compared with that of the period during 2001-2005 which is 64.7 Man/months, a reduction of 7.18 Man/months.

Annex 1

EANET/IG 5/10

DECISION 1/IG. 5

FURTHER FINANCIAL ARRANGEMENT FOR EANET

Recognizing the importance of long-term, secured financial arrangement for the EANET activities,

Recalling the agreements reached at the Second Session of the Intergovernmental Meeting through Decisions 1 to 6 for the regular phase of EANET,

Taking into account the discussions at the sessions of the Intergovernmental Meeting as well as the Working Group on Further Financial Arrangement for EANET,

Considering that in some countries the negotiations on the new financial arrangement with national financial bodies require legal status of official international document,

The Fifth Session of the Intergovernmental Meeting on the Acid Deposition Monitoring Network in East Asia (EANET), on 27-28 November 2003 in Pattaya, Thailand,

1. Confirms the principles that were agreed on at the Second Session of the Intergovernmental Meeting should remain the basic policy of the EANET activities, at least in the initial stage of the regular phase.
2. Takes note that the following three principles for further financial arrangements.
 - (i) Financial contribution should be on a voluntary basis, at least for the initial stage of the regular phase. In other words, a burden sharing principle is not mandatory unless otherwise decided.
 - (ii) Step-wise approach should be taken for financial contribution by the participating countries.
 - (iii) Effort should also be continued to further improve transparency and efficiency of the Network.

3. Decides that the participating countries of EANET should make effort, on a voluntary basis, to make financial contributions to NC and the Secretariat budget up to 2004. Taking into account the latest actual expenditure figures, countries will then make effort on a voluntary basis to contribute to the budget to be directly spent by the Secretariat using fully the latest UN assessment scale-based burden sharing as the first step. After three years, the performance and transparency of the Network should be reviewed to explore the possibility of strengthening and extending the burden sharing. The possibility of introducing minimum contribution amount from the participating countries should also be explored.
4. Also decides the following items.
 - (i) The forms of contribution, in-kind or in cash, may be chosen by the participating countries, taking into account the needs and efficiency of the EANET activities.
 - (ii) A newly participating country should be able to enjoy three years grace period for burden sharing.
 - (iii) Although a burden sharing principle is a desirable target in the future, it may not be possible to apply immediately. Transitional measures can be applied to some countries to reduce their immediate burden, such as bearing their own traveling expenses to participate in the EANET meetings.
5. Applies the new financial arrangement in paragraph 3 and 4 above from 2005 budget.
6. Decides to review the possibility of developing an international agreement to provide a sound basis for financial contribution.

Annex 2

Table 1- Estimated Contribution of the Participating Countries for 2008-2010 for the Secretariat Cost (flat rate amount in 3 years)

Country	UN scale of assessment 2004-2006 (%)	Scale of EANET burden sharing (%)	Estimated flat rate contribution (US \$), (2008-2010)
Cambodia	0.002	0.008	36
China	2.053	8.179	36,805.5
Indonesia	0.142	0.566	2,547
Japan	19.468	77.56	349,020 +(180)*
Lao PDR	0.001	0.004	18
Malaysia	0.203	0.809	3,640.5
Mongolia	0.001	0.004	18
Myanmar	0.01	0.04	(180)*
Philippines	0.095	0.378	1,701
Republic of Korea	1.796	7.155	32,197.5
Russia	1.1	4.382	19,719
Thailand	0.209	0.832	3,744
Viet Nam	0.021	0.083	373.5
Total	25.101	100	450,000**

* Myanmar as a new member is not required to make contributions for burden sharing in the first 3 years (2006-2008). In order to have a consistent set of figures throughout the period 2008-2010, Japan is proposed to make an additional contribution in 2008 equivalent to the flat rate contribution amount of Myanmar.

** Obtained from the average Secretariat budget for 3 years (2008-2010) based on the Strategy on EANET Development (2006-2010)

**Table 2- Estimated Contribution of the Participating Countries for 2008-2010
for Revised NC Core Budget* (flat rate amount in 3 years)**

Country	UN scale of assessment 2004-2006 (%)	Scale of EANET burden sharing (%)	Estimated flat rate contribution (US \$), (2008-2010)
Cambodia	0.002	0.008	36.56
China	2.053	8.179	37,378.03
Indonesia	0.142	0.566	2,586.62
Japan	19.468	77.56	354,449.2 +(182.8)**
Lao PDR	0.001	0.004	18.28
Malaysia	0.203	0.809	3,697.13
Mongolia	0.001	0.004	18.28
Myanmar	0.01	0.04	(182.8)**
Philippines	0.095	0.378	1,727.46
Republic of Korea	1.796	7.155	32,698.35
Russia	1.1	4.382	20,025.74
Thailand	0.209	0.832	3,802.24
Viet Nam	0.021	0.083	379.31
Total	25.101	100	457,000***

* Refer to the remarks (*) in Table 1, it is proposed that Japan also make an additional contribution in 2008 to enable a consistent set of figures throughout the period.

*** Obtained from the average revised NC core budget for 3 years (2008-2010) based on the Strategy on EANET Development (2006-2010).

Table 2A: Network Center Revised Core Budget in 2001-2010

(US \$)

Activities	2001 Bud. (\$)	2002 Bud. (\$)	2003 Bud. (\$)	2004 Bud. (\$)	2005 Bud. (\$)	2006 Bud. (\$)	2007 Bud. (\$)	2008 Bud. (\$)	2009 Bud. (\$)	2010 Bud. (\$)
1. Central compilation, evaluation and storage of data, etc.	35,000	25,000	30,000	33,000	99,000	84,000	61,400	57,400	84,900	79,900
Data verification	21,000	21,000	24,000	27,000	94,000	79,000	56,400	37,400	74,900	74,900
Maintenance of database	14,000	4,000	6,000	6,000	5,000	5,000	5,000	20,000	10,000	5,000
2. Preparation of data report	35,000	35,000	36,000	38,000	25,000	25,000	25,000	25,000	25,000	25,000
3. Dissemination of data and relevant information	20,000	20,000	18,000	20,000	20,000	25,000	22,000	22,000	22,000	22,000
Analysis on the state of acid deposition in the region	15,000	15,000	12,000	14,000	15,000	15,000	12,000	12,000	12,000	12,000
Development and updating of EANET website	5,000	5,000	6,000	6,000	5,000	10,000	10,000	10,000	10,000	10,000
4. Strengthening technical capacity in participating countries	100,000	100,000	103,000	103,000	90,000	90,000	90,000	90,000	90,000	90,000
STM Meeting	100,000	100,000	103,000	103,000	90,000	90,000	90,000	90,000	90,000	90,000
5. Implementation and coordination of QA/QC activities	100,000	100,000	98,000	87,000	52,000	72,000	61,000	37,000	37,000	37,000
Inter-laboratory comparison surveys	50,000	50,000	70,000	65,000	47,000	67,000	49,000	31,000	31,000	31,000
Individual questions and answers	30,000	30,000	28,000	22,000	5,000	5,000	12,000	6,000	6,000	6,000
Preparation of QA/QC report	20,000	20,000	0	0	0	0	0	0	0	0
6. Implementation of training activities	150,000	105,000	114,000	117,000	110,000	90,000	90,000	90,000	90,000	90,000
Development of annual training program	10,000	5,000	6,000	6,000	5,000	5,000	5,000	5,000	5,000	5,000
Assistance for national training activities	30,000	30,000	23,000	23,000	25,000	20,000	20,000	20,000	20,000	20,000
Coordination with and support for other training programs	30,000	30,000	28,000	23,000	20,000	15,000	15,000	15,000	15,000	15,000
Individual training at NC	80,000	40,000	57,000	65,000	60,000	50,000	50,000	50,000	50,000	50,000
7. Technical support for EANET meetings	110,000	130,000	104,000	94,000	82,000	52,000	69,200	57,200	45,200	107,200
Preparation of technical documents	50,000	70,000	50,000	53,000	15,000	15,000	20,000	20,000	20,000	20,000
Task Force on Dry Deposition Monitoring	20,000	20,000	17,000	17,000	13,000	13,000	18,000	6,000	6,000	18,000
Task Force on Soil and Vegetation	20,000	20,000	24,000	17,000	48,000	18,000	25,200	25,200	13,200	63,200
Management of the network on soil/vegetation specialists	20,000	20,000	13,000	7,000	6,000	6,000	6,000	6,000	6,000	6,000
8. Administrative works	15,000	15,000	15,000	12,000	5,000	3,000	14,000	6,000	72,000	72,000
Miscellaneous	15,000	15,000	15,000	12,000	5,000	3,000	14,000	6,000	72,000	72,000
Total	565,000	530,000	518,000	504,000	483,000	441,000	432,600	384,600	466,100	523,100
Man/Months	62.5	60.0	71.0	68.0	62.0	58.0	58.4	49.4	59.9	61.9

Note: Average of the total amount of budget (2008-2010) is USD 457,933.

Average Man/months in 2001-2005 and 2006-2010 are 64.7 and 57.52 Man/months respectively.

**Table 2B : Network Center Expenditure in 2001-2005
- Revised Core Budget Activities -**

Activities	(US \$)				
	2001 Exp. (\$)	2002 Exp. (\$)	2003 Exp. (\$)	2004 Exp. (\$)	2005 Exp. (\$)
1. Central compilation, evaluation and storage of data, etc.	134,865	35,092	29,623	32,669	63,192
Data verification	22,461	29,752	25,492	28,120	58,236
Maintenance of database	112,404	5,340	4,131	4,549	4,956
2. Preparation of data report	27,871	30,199	24,914	29,909	27,245
3. Dissemination of data and relevant information	29,320	17,871	15,014	15,503	24,785
Analysis on the state of acid deposition in the region	19,547	11,914	8,262	9,098	19,829
Development and updating of EANET website	9,773	5,957	6,752	6,405	4,956
4. Strengthening technical capacity in participating countries	107,986	82,503	84,544	86,601	100,831
STM Meeting	107,986	82,503	84,544	86,601	100,831
5. Implementation and coordination of QA/QC activities	94,487	83,927	71,237	69,461	43,606
Inter-laboratory comparison surveys	40,495	31,867	48,207	49,434	37,808
Individual questions and answers	53,992	52,060	23,030	20,027	5,798
Preparation of QA/QC report	40,495	31,867	0	0	0
6. Implementation of training activities	113,931	84,078	89,470	100,482	98,755
Development of annual training program	12,660	5,369	4,130	4,551	4,958
Assistance for national training activities	25,318	10,148	18,484	19,512	19,839
Coordination with and support for other training programs	25,318	12,281	22,407	23,998	20,842
Individual training at NC	50,635	56,280	44,449	52,421	53,116
7. Technical support for EANET meetings	129,559	92,321	97,293	80,055	79,317
Preparation of technical documents	64,780	48,058	37,176	40,944	19,829
Task Force on Dry Deposition Monitoring	21,593	15,485	14,765	14,190	14,872
Task Force on Soil and Vegetation	21,593	21,265	31,726	17,871	39,659
Management of the network on soil/vegetation specialists	21,593	7,513	13,626	7,050	4,957
8. Administrative works	10,563	17,064	10,029	17,064	8,261
Miscellaneous	10,563	17,064	10,029	17,064	8,261
Total	689,077	474,922	422,124	431,744	445,992

Note: Total Network Center Expenditure in 2001-2005 is same as the revenue of each year.

Reference

Table 2C: Network Center Previous Core Budget in 2001-2010

(US \$)

Activities	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	Bud. (\$)									
1. Central compilation, evaluation and storage of data, etc.	35,000	25,000	30,000	33,000	99,000	84,000	61,400	57,400	84,900	79,900
Data verification	21,000	21,000	24,000	27,000	94,000	79,000	56,400	37,400	74,900	74,900
Maintenance of database	14,000	4,000	6,000	6,000	5,000	5,000	5,000	20,000	10,000	5,000
2. Preparation of data report	35,000	35,000	36,000	38,000	25,000	25,000	25,000	25,000	25,000	25,000
3. Dissemination of data and relevant information	20,000	20,000	18,000	20,000	20,000	25,000	22,000	22,000	22,000	22,000
Analysis on the state of acid deposition in the region	15,000	15,000	12,000	14,000	15,000	15,000	12,000	12,000	12,000	12,000
Development and updating of EANET website	5,000	5,000	6,000	6,000	5,000	10,000	10,000	10,000	10,000	10,000
4. Strengthening technical capacity in participating countries	100,000	100,000	103,000	103,000	90,000	90,000	90,000	90,000	90,000	90,000
STM Meeting	100,000	100,000	103,000	103,000	90,000	90,000	90,000	90,000	90,000	90,000
5. Implementation and coordination of QA/QC activities	100,000	100,000	98,000	87,000	52,000	72,000	61,000	43,000	43,000	43,000
Inter-laboratory comparison surveys	50,000	50,000	70,000	65,000	47,000	67,000	49,000	31,000	31,000	31,000
Individual questions and answers	30,000	30,000	28,000	22,000	5,000	5,000	12,000	12,000	12,000	12,000
Preparation of QA/QC report	20,000	20,000	0	0	0	0	0	0	0	0
6. Implementation of training activities	10,000	5,000	6,000	6,000	5,000	5,000	5,000	5,000	5,000	5,000
Development of annual training program	10,000	5,000	6,000	6,000	5,000	5,000	5,000	5,000	5,000	5,000
7. Research activities	0	0	0	0	0	0	12,000	12,000	12,000	12,000
Research for improving monitoring methodologies	0	0	0	0	0	0	12,000	12,000	12,000	12,000
8. Technical support for EANET meetings	160,000	160,000	161,000	154,000	142,000	112,000	123,200	111,200	99,200	111,200
Preparation of technical documents	50,000	70,000	50,000	53,000	15,000	15,000	20,000	20,000	20,000	20,000
Attendance to the EANET meetings	50,000	30,000	40,000	44,000	40,000	40,000	40,000	40,000	40,000	40,000
Task Force on Dry Deposition Monitoring	20,000	20,000	17,000	17,000	13,000	13,000	18,000	6,000	6,000	18,000
Task Force on Soil and Vegetation	20,000	20,000	24,000	17,000	48,000	18,000	19,200	19,200	7,200	7,200
Management of the network on soil/vegetation specialists	20,000	20,000	13,000	7,000	6,000	6,000	6,000	6,000	6,000	6,000
Other follow-up activities of the meetings	0	0	17,000	16,000	20,000	20,000	20,000	20,000	20,000	20,000
9. Administrative works	95,000	95,000	95,000	84,000	35,000	19,000	32,400	23,800	88,000	88,000
Communication/coordination	30,000	40,000	40,000	36,000	15,000	8,000	10,400	1,800	0	0
Management of budget and personal affairs	50,000	40,000	40,000	36,000	15,000	8,000	8,000	16,000	16,000	16,000
Miscellaneous	15,000	15,000	15,000	12,000	5,000	3,000	14,000	6,000	72,000	72,000
Total	555,000	540,000	547,000	525,000	468,000	432,000	432,000	389,400	469,100	476,100
Man/Months	61.8	57.8	71.8	68.0	63.5	57.0	61.0	51.7	61.9	63.9

Note: Average of the total amount of budget (2008-2010) is USD 444,867.
Average Man/months in 2001-2005 and 2006-2010 are 64.58 and 59.1 Man/months respectively.

**Table 2D: Network Center Expenditure in 2001-2005
- Previous Core Budget Activities -**

(US \$)

Activities	2001 Bud. (\$)	2002 Bud. (\$)	2003 Bud. (\$)	2004 Bud. (\$)	2005 Bud. (\$)
1. Central compilation, evaluation and storage of data, etc.	134,865	35,092	29,623	32,669	63,192
Data verification	22,461	29,752	25,492	28,120	58,236
Maintenance of database	112,404	5,340	4,131	4,549	4,956
2. Preparation of data report	27,871	30,199	24,914	29,909	27,245
3. Dissemination of data and relevant information	29,320	17,871	15,014	15,503	24,785
Analysis on the state of acid deposition in the region	19,547	11,914	8,262	9,098	19,829
Development and updating of EANET website	9,773	5,957	6,752	6,405	4,956
4. Strengthening technical capacity in participating countries	107,986	82,503	84,544	86,601	100,831
STM Meeting	107,986	82,503	84,544	86,601	100,831
5. Implementation and coordination of QA/QC activities	134,982	115,794	71,237	69,461	43,606
Inter-laboratory comparison surveys	40,495	31,867	48,207	49,434	37,808
Individual questions and answers	53,992	52,060	23,030	20,027	5,798
Preparation of QA/QC report	40,495	31,867	0	0	0
6. Implementation of training activities	12,660	5,369	4,130	4,551	4,958
Development of annual training program	12,660	5,369	4,130	4,551	4,958
7. Research activities	0	0	0	0	0
Research for improving monitoring methodologies	0	0	0	0	0
8. Technical support for EANET meetings	172,746	137,016	153,640	140,249	250,751
Preparation of technical documents	64,780	48,058	37,176	40,944	19,829
Attendance to the EANET meetings	43,187	34,767	45,984	43,288	145,453
Task Force on Dry Deposition Monitoring	21,593	15,485	14,765	14,190	14,872
Task Force on Soil and Vegetation	21,593	21,265	31,726	17,871	39,659
Management of the network on soil/vegetation specialists	21,593	7,513	13,626	7,050	4,957
Other follow-up activities of the meetings	0	9,928	10,363	16,906	25,981
9. Administrative works	73,940	119,486	58,897	54,958	54,542
Communication/coordination	21,126	51,211	27,682	23,111	24,797
Management of budget and personal affairs	42,251	51,211	22,954	22,748	24,788
Miscellaneous	10,563	17,064	8,261	9,099	4,957
Total	694,370	543,330	441,999	433,901	569,910

Note: Total Network Center Expenditure in 2001-2005 is same as the revenue of each year.

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4-6 June 2007, Pathumthani, Thailand

**Draft Set of Procedures to be followed by EANET
in Preparation of Proposal for Potential Donors**

Introduction

1. A draft report on ways of obtaining financial support from international funding agencies was presented at the Eighth Session of the Intergovernmental Meeting (IG8). The document was endorsed in principle. The Secretariat was requested to take further actions to obtain external resources and establish a set of procedures to be followed by EANET in the preparation of proposals for potential donors.

2. IG8 also decided that the Secretariat should obtain the endorsement of the National Focal Points (NFPs) on project proposals before submitting them to potential donors. It was suggested that the Secretariat and Network Center should communicate with potential donors to identify their interest and priority to further develop good concept papers/proposals. External experts could be sought to develop full proposals with additional budget. IG8 further suggested that a consultation meeting might be a good option for better communication with potential donors.

3. The set of procedures/phases in preparation of proposal is tabulated hereunder:

Project Phases	Activities
Phase 1 - Project Identification	<ul style="list-style-type: none"> • Situation Analysis • Identification and project planning • Initial drafting of the concept paper • WGFD initial review • Face to face with the donor agency/initial meeting
Phase 2 - Project Formulation and Preparation	<ul style="list-style-type: none"> • Project document preparation • WGFD further review
Phase 3 - Review and approval	<ul style="list-style-type: none"> • IG approval • Submission to donor agency
Phase 4 - Project implementation	<ul style="list-style-type: none"> • Project implementation to achieve project objectives • Monitoring and Reporting
Phase 5 - Project Evaluation	<ul style="list-style-type: none"> • Mid-project evaluation • End of project evaluation • Generation of lessons learned

Phase 1 - Project identification

Situation Analysis

4. Prior to the project formulation, analysis of the existing situation should be conducted. This comprises EANET analysis, problem analysis and objective analysis. The analysis of EANET including the needs of the participating countries is an important part of the situation analysis.

Identification

5. The Secretariat and the Network Center shall initiate the identification of project for EANET. Project identification shall start from an understanding of the goals and objectives that will be beneficial to the participating countries of EANET.

Drafting of the concept paper

6. The Secretariat and NC, upon request of the IG8, shall prepare project concepts for submission to donor agencies.

7. Initial formulation of project shall begin with the drafting of a proposal for sponsorship (a short concept proposal of 3-5 pages) that lays out preliminary ideas, objectives, results, strategies, outputs and activities.

WGFD initial review

8. The WGFD shall discuss, review the concept paper/proposal and make recommendations as necessary. After the review of the WGFD, the concept paper/proposal shall be circulated to the National Focal Points (NFPs) for their endorsement.

Face to face with donor agencies

9. A face to face negotiation with the funding agency shall be the preliminary step for securing the funds for EANET from international agencies/donors.

Phase 2 - Project document formulation and development

10. When donor funding has been secured, the full project document development and approval shall be undertaken within EANET, through the WGFD.

Phase 3 - Project review and approval

11. The WGFD shall review the project document drafted by the Secretariat and NC for subsequent endorsement to the Intergovernmental Meeting (IG). The IG shall approve the project proposal for submission to donor agencies.

Phase 4 - Project implementation

12. The WGFD shall monitor expenditure, activities, output completion and workflows against project implementation plans, output delivery and the progress made towards achieving the results and objectives of the EANET project.

Phase 5 - Project evaluation

13. Evaluation is crucial to EANET to assess the relevance, performance and success of current or completed projects, systematically and objectively. Evaluation determines to what extent the intervention has been successful in terms of its impact, effectiveness, sustainability of results, and contribution to capacity development. Evaluation, more than monitoring, asks fundamental questions on the how and why of the overall progress and results of an intervention in order to improve performance and generate lessons learned. When carried out after project completion, evaluation can contribute to extracting lessons to be applied in other projects. Evaluations at the midpoint of the project or program also provide timely learning that can suggest mid-course adjustments.

Progress reports

14. Progress reports are required once a year and serve as a basis for the report to be submitted to the IG. The progress report should include information on:

- (i) Collaboration with partners;
- (ii) Delivery of planned activities or outputs and results of the project measured against the performance indicators stated in the project document;
- (iii) Accumulated impact of the project;
- (iv) Possible delays in project delivery and remedial actions to be taken; and
- (v) Project budget performance.

15. The mid-year and end -of-year information on project budget performance should be summarized in a tabular format, including the total financial allocation for the life of the project by budget line (object of expenditure), up-to-date obligations and disbursements, total resources committed, and the remaining balance. Data for each budgeted activity should be provided separately. In cases of deviations of actual expenditures from the requirements indicated in the initial allotment request (cost plan), explanations should be provided. In preparing these reports, Secretariat should obtain the most recent financial data available at the time of the reporting.

Final report

16. A final report is required on the completion of all projects.

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PRIORITY PROJECTS IDENTIFIED AND POTENTIAL FUNDING AGENCIES

Priority projects identified

1. Based on the suggestions at the Eighth Session of the Intergovernmental Meeting (IG8) regarding the preparation of project proposals for submission to potential donors, the Secretariat and Network Center have developed the following documents for the consideration of the Fourth Session of the Working Group on Future Development of EANET (WGFD4):
 - A preliminary list of priority projects that will be used as a basis for discussions by the Secretariat and Network Center with potential donor agencies. After WGFD4, this list will be circulated to the NFP for their endorsement prior to the discussions with donor agencies. This list is not exclusive as projects can be added or removed at any time depending on the decisions and recommendations of IG, WGFD, SAC, and the requirements of the Network Center. The draft list of proposed priority projects is shown in **Annex 1**.
 - Concept papers on two of the projects that are listed in Annex 1. The format used in the concept papers may, in the future, be adopted for presenting other projects at WGFD sessions for discussions and review, and for submission to the NFPs for their endorsement. The concept papers are shown in **Annex 2**.
 - A schedule for visits to the regional headquarters of the International Funding Agencies for the discussions. These visits will depend on the availability of funds. Preliminary contact will be made with these agencies through mail and other available means of communication. The proposed schedule is shown in **Annex 3**.
2. Based on the outcomes of discussions at WGFD4, endorsement of the projects by the NFPs, and following communication with the potential Funding Agencies, the Secretariat and Network Center will develop detailed project proposal on one or several project(s) for submission to the Ninth Session of the Intergovernmental Meeting (IG9) for its consideration. The assistance of external expert(s) may be sought for development of the proposal(s).

Potential funding agencies

3. The International Funding Agencies identified in the previous discussions of Working Group on Future Development (WGFD) and the Intergovernmental Meeting (IG) sessions are as follows:
 - Asian Development Bank (ADB)
 - United Nations Development Programme (UNDP)
 - Japan International Cooperation Agency (JICA)
 - Korean International Cooperation Agency (KOICA)
 - United Nations Economic Commission for Europe (UNECE)
 - Other bilateral aid agencies

4. In line with the priorities identified in the Strategy on EANET Development (2006-2010), the priority areas for projects to be submitted to the international Funding Agencies for their support may include:
 - Capacity building at national level through regional training courses, seminars and workshops. The JICA EANET Training Courses held in Japan and the JICA Third Country Training Courses in Thailand are good examples of such support.
 - Development of documents for policy makers towards national policy framework
 - Specific research activities such as development of emission inventories
 - Improvement of laboratories with appropriate equipment
 - Establishment of new and improvement of existing EANET monitoring stations

5. Besides financial assistance, other forms of support are also welcome. The latter could include, among others, the following:
 - Joint hosting of seminars/workshops
 - Sharing of resources, such as databanks, facilities
 - Secondment of scientists/researchers to the NC

Annex 1

I. Projects requesting external assistance for improving performance of EANET

Project Title	Emission survey to promote the preparation of emission inventories in EANET countries
Objectives	To obtain an array of reliable emission factors for major sources in East Asia
Activities	i) To collect emission factor data from available scientific documents ii) To analyze emission gases from actual sources to obtain representative emission factors
Expected Outcome	List of emission factors that are appropriate for the preparation of emission inventories in EANET countries
Implementation Period	2009 – 2012
Budget Required	USD 500,000 per year

Project Title	Development of new and improved training course materials on regional air quality management including ozone issues for the EANET website
Objectives	To produce more relevant information on regional air quality management issues for dissemination to EANET members
Activities	i) To develop new updated training course materials ii) To translate the materials to the languages of the participating countries
Expected Outcome	New course materials on regional air quality management including ozone issues on the EANET website
Implementation Period	2009 – 2010
Budget Required	USD 100,000 USD USD 100,000 as translation fee into 5 other languages (besides Japanese)

Project Title	Identification of areas or regions susceptible to soil acidification
Objectives	To identify areas in the EANET region that are susceptible to soil acidification due to acid deposition
Activities	i) To gather information on chemical properties related to acid neutralizing capacity (ANC) from literatures, including EANET Data Reports and relevant scientific papers ii) To collect representative soils in each EANET country and analyze the ANC iii) To produce a risk map of soil acidification taking into account soil types, their ANC, and acid deposition amounts
Expected Outcome	i) An evaluation of the ANC of soils in the EANET region based on soil types. ii) An assessment of ANC of representative soil types by intensive surveys.

	iii) A risk map of soil acidification based on the soil maps from EANET countries.
Implementation Period	2009 – 2010
Budget Required	USD 27,000 - to gather information on soil chemical properties USD 45,000 - to conduct soil analysis USD 18,000 - to produce risk map Total: USD 90,000 for services of the expert

II. Projects requesting support for public awareness and capacity building activities

Project Title	Capacity Building Workshop for the Policy Makers of the Participating Countries of EANET
Objectives	(1) To enhance the capacity of officials, those involved in the policy making process and experts in order to contribute to the process of discussion necessary for future development of EANET, by providing them with the relevant and necessary knowledge on acid deposition and other transboundary air pollution issues and other international agreement. (2) To strengthen regional cooperation by providing the policy makers with the good practices and knowledge on other international policies and regulations for regional air quality management.
Activities	i) The selected experienced trainers will prepare training materials (documents and presentation materials). Considering the importance of this workshop, an assistance of the Secretariat and NC as well as relevant experts in this field is expected for the preparation of the training materials. ii) The Secretariat, NC and relevant experts will join to carry out the course. iii) Proposed lecture will be identified regarding enhancement of the capacity of the participating countries on international agreement and cooperative network and regional air pollution aspects.

Expected Outcome	One workshop per year to enhance the capacity of the participating countries for future development of EANET
Implementation Period	2009 – 2010
Budget Required	USD 30,000 per year

Project Title	Workshop for discussion on promotion of modeling activities
Objectives	To clarify the future direction on modeling activities in EANET
Activities	i) To hold a workshop once a year for two years to promote the understanding and importance of modeling activities ii) To hold discussions for promotion of this activity

Expected Outcome	i) Improved awareness among EANET members on importance of modeling activities ii) Proposals on promotion of modeling activities
Implementation Period	2008 – 2009
Budget Required	USD 85,000

Project Title	Workshop for discussion on promotion of emission inventories
Objectives	To clarify the future direction on emission inventories in EANET
Activities	i) To hold a workshop once a year for two years to promote the understanding and importance of emission inventories ii) To hold discussions for promotion of this activity
Expected Outcome	i) Improved awareness among EANET members on importance of emission inventories ii) Proposals on promotion of emission inventories activities
Implementation Period	2008 – 2009
Budget Required	USD 85,000 per year

Project Title	Regional Workshop on air quality management issues including acid deposition and ozone issues
Objectives	To promote a common understanding of the acid deposition and ozone issues
Activities	To hold a regional workshop on air quality management including acid deposition and ozone issues in one of the participating countries of EANET
Expected Outcome	Sharing of knowledge and discussion on the proposal for new directions of regional air quality management among scientific community, national governments, civil society, academe, private sector and other international experts and agencies
Implementation Period	2009
Budget Required	USD 100,000

III. Projects requesting for support to upgrade existing stations and/or establish new monitoring stations

Project Title	Improvement of capability for EANET monitoring in the participating countries
Objectives	i) To establish surface ozone monitoring in countries in the EANET region ii) To establish new stations in some countries in the EANET region
Activities	i) To purchase and install 14 sets of ozone monitors and calibrating equipment in EANET countries (1 set each in 10 countries and 2 sets each in China and Russia) ii) To purchase and install the necessary equipment to commence EANET monitoring at new sites in 5 countries (Cambodia,

	China, Lao PDR, Mongolia and Myanmar)
Expected Outcome	<ul style="list-style-type: none"> i) Surface ozone measurements available at selected critical sites in the EANET monitoring network ii) Expansion of the network of monitoring sites in the EANET region iii) Commencement of EANET monitoring in new member countries
Implementation Period	2008 – 2010
Budget Required	Ozone equipment USD 40,000 x 14 = USD 560,000 Cambodia: AAS, Filter pack kit = USD 100,000 China: Filter pack kit = USD 50,000 Lao PDR: AAS, Filter pack kit = USD 100,000 Myanmar: IC, AAS, Filter pack kit = USD 200,000 Mongolia: AAS = USD 50,000 Total: USD 1,060,000

IV. Projects requesting collaboration with other regional/international initiatives

Project Title	Passive sampler monitoring campaign in the whole EANET region
Objectives	To prepare concentration maps for air pollutants in the EANET region
Activities	<ul style="list-style-type: none"> i) To implement a passive sampler monitoring campaign four times a year for O₃, SO₂, NO_x in a 1 degree x 1 degree resolution (about 3,000 sites) in the EANET region ii) To hold a workshop at the end of the campaign to discuss on future of the monitoring network established
Expected Outcome	<ul style="list-style-type: none"> i) Concentration maps for O₃, SO₂, NO_x ii) Proposals on establishment of new monitoring sites to monitor these parameters on a continuous basis
Implementation Period	2009
Budget Required	USD 600,000

Project Title	Aircraft observations of atmospheric constituents in the EANET region
Objectives	To clarify air pollutant concentrations over a larger area and in the vertical scale
Activities	<ul style="list-style-type: none"> i) To conduct aircraft observations in a specified region of interest within the EANET region in collaboration with other agencies/research groups conducting aircraft observation campaigns in the region ii) To analyze the data collected and store in an appropriate database
Expected Outcome	Air pollutant concentrations which can be used to verify data obtained from satellite measurements
Implementation Period	2012
Budget Required	USD 500,000 per year

Annex 2

Concept Paper No. 1

<p>Title of Project</p>	<p>Emission survey to promote the preparation of emission inventories in EANET countries</p>
<p>Purpose/Objectives</p>	<p>To obtain an array of reliable emission factors for major sources of air pollutants in EANET countries (comprising 13 countries in Northeast and Southeast Asia)</p>
<p>Background Information</p>	<p>Many Asian countries have experienced rapid economic growth during recent years and this trend is expected to continue. The economic growth is accompanied by increasing energy demand with coal as the dominant energy source. Emissions of air pollutants, in particular, sulphur dioxide, nitrogen oxides and particulate matter as a result of fossil fuel combustion from a variety of economic activities are expected to continue to increasing in the future. This development has led to local and regional air pollution problems that may affect Asian ecosystems and human health.</p> <p>Several regional air pollution models have been developed for the region as analytical tools to help decision-makers analyze future trends in emissions, estimate regional impacts of resulting pollution levels, and to evaluate costs and effectiveness of alternative mitigation options. Some models have the capability to assess deposition and ecosystem protection levels resulting from different energy pathways and different emission control strategies. They can be used by national governments, regional and international initiatives to plan future frameworks for environmental management in Northeast and Southeast Asia in order to minimize and control regional air pollution.</p> <p>Currently, a large percentage of the emission rates used to estimate emissions from industrial and non-industrial sources are based on measurements performed in areas outside the Northeast Asian and Southeast Asian region a number of years ago. There is an urgent need to update these emission factors or rates to reflect conditions in Asian countries, in particular, differences in weather, fuels characteristics, operations, industrial processes, and emission control equipment and practices.</p> <p>There is also an urgent need to improve emission inventories in the</p>

	<p>EANET region for elements that govern regional air pollution issues including acid deposition. As emission control scenarios become more realistic, the level of effort required to prepare emissions data for regional and hemispheric transport models is becoming increasingly large. The international research community requires readily accessible data on emissions of the primary pollutants and improved spatial resolution of emissions data to improve the accuracy of their model predictions.</p>
<p>Scope/Activities</p>	<p>This project proposes a survey to be carried out by experts from EANET countries to obtain reliable emission factors of large emission sources, both anthropogenic and natural, of the critical air pollutants.</p> <p>The information obtained can be used to improve emission inventories in countries which have existing ones and will serve to stimulate these activities in countries that have not started the preparation of their emission inventories.</p> <p>The project will focus principally on the development of improved emission factors to determine emissions from on-road transportation, agriculture, and fossil fuel combustion sectors. The main activities to be carried out by the expert group are:</p> <ul style="list-style-type: none"> i) To collect emission factor data from available scientific documents ii) To analyze emission gases from actual sources to obtain representative emission factors <p>Systems for sharing, publishing, reporting, utilizing and updating these factors may also be established within this project.</p> <p>At the end of the project, a workshop will be conducted in one of the EANET countries. The participants will be representatives from the environment agencies of the EANET countries. The workshop shall:</p> <ul style="list-style-type: none"> i) report on the methodologies used in the survey ii) present the results of the project, and iii) provide recommendations for application of the emission factors in the EANET countries. <p>A detailed report on the project will be submitted by the expert group to EANET.</p>
<p>Cost Estimate</p>	<p>USD 500,000 per year</p>

Timeframe/Schedule	2009 – 2012
Outputs	The project is expected to produce: i) A list of emission factors that are appropriate for the preparation of emission inventories in EANET countries ii) Capacity building for representatives of the EANET countries on methodologies for obtaining emission factors
Proposed Funding Source	Japan International Cooperation Agency (JICA)
Endorsement by NFPs	

Concept Paper No. 2

Title of Project	Capacity Building Workshop for the Policy Makers of the Participating Countries of EANET
Purpose	To enhance the capacity of officials, those involved in the policy making process and experts in order to contribute to the process of discussion necessary for future development of Acid Deposition Monitoring Network in East Asia (EANET), by providing them with the relevant and necessary knowledge on acid deposition and other transboundary air pollution issues and other international agreement. To strengthen regional cooperation by providing the policy makers with the good practices and knowledge on other international policies and regulations for regional air quality management.
Background	With the common efforts of the Secretariat, the Network Center and the participating countries, EANET has made a lot of progress. However, it was also recognized that most of EANET members are developing countries, and their personnel have insufficient experiences and capabilities to take part in relevant activities of

	<p>EANET. Such lack of capacity may also cause difficulties for the further development of EANET.</p> <p>Up to now, EANET has implemented a set of training activities for the capacity building among the participating countries for acid deposition monitoring including sampling procedures and laboratory analysis. However, the training activities for the other staff members who are not involved in the laboratory work but take part in the EANET meetings and policy making are still insufficient. This is one of the main challenges to be solved so as to develop EANET. Capacity building in this field is an urgent matter for this purpose.</p>
Scope/Activities	<p>The activities of the capacity building workshop are as follows:</p> <ol style="list-style-type: none"> (1) The selected experienced trainers will prepare training materials (documents and presentation materials). Considering the importance of this course, an assistance of the Secretariat and NC as well as relevant experts in this field is expected for the preparation of the training materials. (2) The Secretariat, NC and relevant experts will join to carry out the workshop. (3) Proposed lecture will be identified regarding enhancement of the capacity of the participating countries on international agreement and cooperative network and regional air pollution aspects.
Cost Estimate	USD 30,000 per year
Timeframe	2009-2010
Output	One workshop per year to enhance the capacity of the participating countries for future development of EANET
Proposed Funding Source	

Annex 3

Proposed Schedule of Visits to Potential Funding Agencies

Asian Development Bank (ADB)	June 2007
United Nations Development Programme (UNDP)	July 2007
Japan International Cooperation Agency (JICA)	July 2007
Korean International Cooperation Agency (KOICA)	July 2007
United Nations Economic Commission for Europe (UNECE)	August 2007
United Nations Environment Programme UNEP)	May 2007
Other bilateral aid agencies	(to be determined)

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List of Documents

EANET/WGFD 4/3/1	Agenda
EANET/WGFD 4/3/2	Annotated Agenda
EANET/WGFD 4/3/3	Program
EANET/WGFD 4/4	Brief Report on the Capacity Building Course on Future Development of EANET for Officials and Experts of the Participating Countries of EANET
EANET/WGFD 4/5	Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET
EANET/WGFD 4/6	Report on Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET
EANET/WGFD 4/7	Draft Set of Procedures to be followed by EANET in Preparation of Proposal for Potential Donors
EANET/WGFD 4/7/1	Priority Projects Identified and Potential Funding Agencies
EANET/WGFD 4/inf.1	List of Documents