

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

REPORT OF THE SESSION

I. Introduction

1. The Working Group on Future Development (WGFD) of the Acid Deposition Monitoring Network in East Asia (EANET) held its Seventh Session in Pathumthani, Thailand on 29-31 July 2008.
2. Representatives of 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 the EANET, as well as experts from the United Nations Environment Programme, Regional Office for Asia and the Pacific and Kanazawa University attended the Session. The List of Participants is attached as Annex 1.

II. Opening of the Meeting (Agenda Item 1)

3. The Session was opened by Ms. Adelaida B. Roman, Coordinator of the Secretariat for EANET. She made mention of the state of the global air environment which remains a serious problem and highlighted the Sub-regional initiatives, networks and programmes to address this issue such as the Convention on Long-range Transboundary Air Pollution in Europe, the Malé Declaration on Control and Prevention of Air Pollution and its Likely Transboundary Effects for South Asia, the ASEAN Agreement on Transboundary Haze Pollution and EANET for the East Asia region. She emphasized some of the major developments and progress of the EANET.
4. Dr. Supat Wangwongwatana, Director General, Pollution Control Department, Thailand and Dr. Veronica Ginzburg, Senior Researcher, Institute of Global Climate and Ecology, Roshydromet and the RAS, Chairperson and Vice-chairperson of the WGFD, respectively, chaired the Session as they were elected for two years, 2007 -2008 based on the Terms of Reference of the WGFD.

III. Adoption of the Agenda (Agenda Item 2)

5. The Session adopted the Agenda (EANET/WGFD 7/2/1) as proposed by the Secretariat. The Session agreed to defer the discussion on agenda item 3 and to proceed with the agenda item 4 to agenda item 7 on the first day. The Session also agreed that the agenda item 3 will be

discussed on the second day. The Chairperson of the Session of the WGFD requested the assistance of the Vice-Chairperson to help in chairing the Session during the first day.

IV. Consideration of the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET and Consideration of the Draft Report of the Working Group on Future Development (WGFD) on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET (Agenda Item 3)

6. It was reported that an informal group meeting on the Instrument to Provide a Sound Basis for Contribution to the EANET was held from 5:00 to 7:00 PM on 29 July 2008 to exchange views and comments on the instrument.
7. The Secretariat made a presentation on the “Text of the Instrument to Provide a Sound Basis for Contribution to EANET (EANET/WGFD 7/3/1)”. The Session was invited to discuss the draft Text.
8. The draft text was discussed paragraph by paragraph. Major points of discussion on Option A include:
 - i) Paragraph 4 of the Preamble was split into two paragraphs while the last paragraph was modified.
 - ii) The Session decided to use the term “participating country” in place of “party” and “will” instead of “shall” throughout the text of the instrument.
 - iii) One country expressed that the phrase “regional air pollution” should be clearly defined with regard to other air pollution, such as haze pollution on which there exist an Agreement (ASEAN Agreement on Transboundary Haze Pollution).
 - iv) Adding the scope of the instrument to the provision on Objective (Article 2/ Item 2) was suggested.
 - v) It was suggested that the term “regional air pollution” be used in the provision on Objective (Article 2/ Item 2) and some countries prefer using the term “acid deposition” to the term “regional air pollution”. It was proposed that “[The scope of the instrument may be extended to cover other regional air pollution, as decided by the Intergovernmental Meeting (IG).]” should be included in the provision on Objective (Article 2/ Item 2).
 - vi) One country suggested that the term “regional air pollution” should be retained both in the provision on Definition (Article 1/ Item 1) and in the provision on Objective (Article 2/ Item 2).
 - vii) Deletion of the second sentence of the second paragraph in Principles (Article 3/ Item 3) was made. One country pointed out that the characteristic of regional air pollution is different from climate change.
 - viii) Deletion of “[including studies on emission inventories and modeling]” from the text of the provision on Research Activities (Article 6/ Item 6) was made on the understanding that this provision also covers such research activities.
 - ix) On Financial Arrangements (Article 14/ Item 14), one country clarified that it needs

an international instrument (agreement) signed by governments (or by the authorized state body on behalf of the government). Two options of financial arrangement were suggested: to include detailed rules of financial arrangement into the text of the instrument or to establish a high level decision body other than IG for taking important political and financial decisions. It was also pointed out by the country that the IG could not be a decision making body on financial rules and procedures, because its participants are not authorized by its government.

- x) One country preferred the simplified version on financial arrangements (Option 2).
 - xi) Participating countries expressed the desire to consult their respective governments regarding the provision on signature. The Session agreed that participating countries submit their comments to the Secretariat, as soon as possible.
 - xii) Revision of Articles 15, 16, 17 was made by the Session and included in the revised text of the instrument as well as the procedure for signature.
 - xiii) The Chairperson suggested to keep articles 15-25 at this stage for future reference which are considered specific for legally binding instrument.
 - xiv) Regarding the title of the instrument, the Session agreed to remove option 2 and to include the word “instrument” with brackets in Option 1. The Session agreed to delete the words “Agreement” and “Joint Declaration” in Option 1.
 - xv) It was clarified by a resource person that the word “instrument” can be used whatever the legal status of the Instrument is.
9. The Session prepared a revised draft text of Option A, attached as Annex 2 of this report, based on the discussions and decisions made by the Session.
10. Regarding option B, attached as Annex 3, one country elaborated on the development of the text of the instrument and reminded the Session of the different understanding of “a sound basis” for contribution. To facilitate the discussion and accommodate the strong desire of the Session to make one consolidated text of the instrument to submit to IG10, at the suggestion of the Chairperson, the Session requested the Secretariat to merge Option B into Option A.
11. It was suggested by the Chairperson to use some of the second page of Option B as an option 3 of Article 14 and some other parts of Option B into the Preamble of Option A.
12. The Secretariat was requested to send a consolidated text to National Focal Points/ Participants of the WGFD7 by 1st week of September 2008 for their consideration.
13. Taking into account the progress on the text of the instrument during the Session, the Secretariat made a presentation on the “Draft Report of the Working Group on Future Development (WGFD) on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET (EANET/WGFD 7/3/2)” that will be presented at the Tenth Session of the Intergovernmental Meeting (IG10) in November 2008. The Session was invited to discuss the report for submission to the IG10.

14. Major points of the discussion were as follows:
 - i) It was pointed out that the clear understanding of the terms “legally binding” or “non-legally binding” is necessary for each country. The Session agreed that careful steps should be taken in expressing and reporting the legal status of the instrument in this report.
 - ii) The Chairperson pointed out that procedures of adoption and implementation of legally binding instrument may be different in countries.
 - iii) It was suggested that the Report of the WGFD on the Text of the Instrument to IG10 should focus on contents and elements of the discussion in the sessions and that it should be summarized appropriately.
 - iv) It was also recommended that the report should identify issues that the WGFD agreed on and issues that could not be resolved in the discussion of the WGFD sessions.
15. The Secretariat was requested to prepare a timetable for the text of the instrument and WGFD Report to IG10 and the Session agreed on the timetable, attached as Annex 4.

V. Consideration of the Report on the Progress of EANET since the Ninth Session of the Intergovernmental Meeting (IG9) (Agenda Item 4)

16. The Secretariat and the Network Center (NC) briefly made presentations on the “Report on the Progress of EANET after the Ninth Session of the Intergovernmental Meeting (IG9) (EANET/WGFD 7/4/1).” The financial reports of the Secretariat and of the NC in 2007 (EANET/WGFD 7/4/2) were included in the presentations. The Session was invited to comment on the reports.
17. Major discussions were as follows:
 - i) It was suggested that it would be useful if the Secretariat and the NC could make comparison of the practices and reporting procedures on financial aspects of EANET with the ones of other international networks.
 - ii) It was clarified that the guidelines and procedures for the establishment of the Task Forces and Experts Group will be prepared by the SAC for consideration of the Intergovernmental Meeting (IG).
 - iii) Regarding the 4 priority projects approved by the IG9 for submission to potential funding organizations, it was suggested that the progress of these projects be reported.
 - iv) The Session was reminded that improvement of data quality and monitoring methodology should remain the priority for international cooperation.
 - v) The Session was informed that China had made voluntary financial contributions of US \$30,000 for 2007 and 2008 to the Secretariat budget.
 - vi) Clarification was made regarding the Secretariat’s actual expenditures on reporting

- cost and communications cost which are higher than the budget.
- vii) It was also clarified that the higher expenditure for preparation of data report in 2007 for the NC was due to payment for editing of the Periodic Report on the State of Acid Deposition in East Asia.
 - viii) It was explained that the reason why the JICA Training Course in 2008 involved only 4 countries was due to JICA budgetary constraints and prioritization of this course by countries. Japan requested the participating countries to give high priority to the JICA Area Focused Training Course on EANET in their future communications with the local JICA offices.
 - ix) The Session was informed that the audit of the Secretariat's Financial Report in 2007 is on-going and that the Audit Report will be submitted to the IG10 in November 2008.

VI. Consideration of the Draft Report on the Review of Performance of the Secretariat and the Network Center (2005-2007) (Agenda Item 5)

- 18. The Secretariat and the NC made presentations on the "Draft Reports on the Review of Performance of the Secretariat and of the Network Center for the period 2005-2007 (EANET/WGFD 7/5/1 and EANET/WGFD 7/5/2)". The Session was invited to provide comments and guidance, as appropriate.
- 19. Major points of the discussion were as follows:
 - i) The NC clarified that financial resources and human resources are insufficient to fully carry out its activities related to the Strategy on EANET Development (2006-2010).
 - ii) A question was raised on the situation on staff sent from participating countries to the NC and the NC informed that currently there is no staff sent from participating countries. It was suggested that the NC considers providing housing support for seconded staff due to high cost of living in Japan.
 - iii) It was suggested that the Secretariat and the NC conduct a comparative study regarding the salary and the number of staff with the practices of other organizations.
 - iv) The Secretariat was requested to include the action plan on its performance review.
 - v) The NC was requested to include a sentence to inform of the new definition of the NC "core" and "additional budget" as adopted by the IG9.

VII. Consideration of the Draft Work Program and Budget in 2009 for EANET (Agenda Item 6)

20. The Secretariat and the NC presented the “Draft Work Program and Budget in 2009 for EANET (EANET/WGFD 7/6)”. The Session was invited to discuss and make comments on the report for consideration at the IG10.
21. Discussions included the following major points:
 - i) Regarding paragraph 5, the suggestion was made to add budget allocation to priority activities stated in the Strategy on EANET Development (2006-2010) at the end of the paragraph.
 - ii) Regarding paragraph 6, the following suggestions were made;
 - a) Deletion of the phrase “subject to availability of resources”.
 - b) Insertion of the word “start” before the first two bullets.
 - c) Deletion of bullets 4 and 6.
 - iii) The important activities funded by additional budget of the NC listed in paragraph 6 would be mentioned in a new paragraph under “Research Activities”.
 - iv) It was agreed that another table comparing the core budget of the NC in 2007, 2008 and 2009 will be included.
 - v) Clarification was requested regarding the Secretariat budget for the EANET meetings. The Secretariat will include explanation of the assumptions used for the preparation of the budget, to the extent reasonable.
 - vi) On paragraph 37, the word “early” should be deleted.
 - vii) Clarifications were provided on the budget for the high level segment.

VIII. Consideration of the Activities of the Working Group on Future Development (WGFD) after 2008 (Agenda Item 7)

22. The Secretariat made a presentation on the “Activities of Working Group on Future Development (WGFD) after 2008 (EANET/WGFD 7/7)”. The Session was invited to discuss and make comments on the document.
23. Major points of the discussion were as follows:
 - i) Deletion of 4(i), 5(i) first bullet and 5(ii) first bullet was suggested.
 - ii) Deletion of the phrase “and approve” in 4(v), 5(i) third bullet, 5(ii) third bullet, 5(iii) third bullet, and 5(iv) second bullet was suggested.
 - iii) It was suggested that the IG would consider future name, tasks and status of the WGFD. Some countries suggested that establishment of a permanent subsidiary body might be necessary to assist the IG in reviewing the EANET activities.
 - iv) Regarding paragraph 5 (i) fifth bullet, 5(ii) sixth bullet, 5(iii) fourth bullet and 5(iv) third bullet, replacing them with the phrase “Guide the Secretariat and the NC to carry out capacity building activities” was suggested.
24. The Secretariat was requested to revise the document to include the following, for consideration by the IG.

- a) The tasks given to the WGFD which were not fully completed in the last two years;
 - b) The tasks to be continued by the WGFD for the next two years; and
 - c) The tasks to be done in line with the Strategy on EANET Development (2006-2010).
25. The Session agreed to the Activities of the WGFD after 2008 (Revised Draft) (EANET/WGFD 7/7rev.), attached as Annex 5.

X. Other Issues (Agenda Item 8)

26. The NC made some announcements which include the Ninth Senior Technical Managers' Meeting to be held on 27-29 August 2008 in Niigata, Japan and the EANET Research Fellowship Programme in 2008.

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

27. The Report of the Session (EANET/WGFD 7/9) was adopted.

XII. Closing of the Session (Agenda Item 10)

28. The Vice-Chairperson thanked the participants, resource persons, Secretariat and the NC for their active contributions and cooperation and officially closed the Session.

Annex 1

List of Participants

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Annex 2**REVISED DRAFT TEXT OF THE INSTRUMENT
TO PROVIDE A SOUND BASIS FOR CONTRIBUTION TO EANET****[REVISED OPTION A]***[Title]*

[option 1: [Framework Agreement][Instrument] to Promote Cooperation for the [Prevention and Control][Management] of [Regional Air Pollution][Acid Deposition] in East Asia]
[option 2: Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia]

The Participating Countries to this Instrument,

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 (EANET), 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 EANET was established in January 2001 as an important initiative for regional cooperation, aiming at creating a common understanding on the state of acid deposition problems, at providing useful inputs to policy makers at various levels, and at contributing to cooperation on the issues related to acid deposition among the participating countries,

Acknowledging that thirteen countries in East Asia are participating in EANET and have been successfully working together to conduct acid deposition monitoring and to implement other activities for EANET, based on the Joint Announcement on Implementation of the Acid Deposition Monitoring Network in East Asia (JA) adopted by the participating countries and Tentative Design of EANET (TD) referred to in JA,

Emphasizing that activities of the cooperative network on the acid deposition [and other regional air pollution] in East Asia under EANET 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,

Also recognizing that the instrument should be simple, flexible, open for future development and be based on the JA, TD and other decisions of the participating countries,

Have agreed as follows:

[Article 1/Item 1]

Definitions

[“EANET” means, for the purpose of Items 2 to [25], the cooperative network of the Participating Countries which aim to promote activities under this instrument building on Acid Deposition Monitoring Network in East Asia established in January 2001.]

[EANET means, for the purpose of this instrument, Acid Deposition Monitoring Network in East Asia.]

[“Regional air pollution” means [air pollution including] acid deposition at the first stage with possible extension to other air pollution, which has regional implications as decided by the Participating Countries.]

[“Management” means monitoring and other air pollution management activities as decided by the [Participating Countries.]

[Article 2/Item 2]

Objectives [and Scope]

The objectives and scope of this instrument 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 contribute to cooperation on the issues related to [regional air pollution][acid deposition] among the Participating Countries.

[The scope of the instrument may be extended to cover other regional air pollution, as decided by the Intergovernmental Meeting (IG).]

[Article 3/Item 3]**Principles**

1. The Participating Countries 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 Participating Countries will be encouraged to take appropriate measures to anticipate, monitor [and prevent] [regional air pollution][acid deposition]to minimize its adverse impacts, taking into account the precautionary principle.
3. The Participating Countries will promote active participation, and bilateral and multilateral cooperation for effective implementation of the activities under this Instrument.

[Article 4/Item 4]**Monitoring and Reporting**

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

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[Article 5/Item 5]**Assessment**

1. The monitoring data and other information submitted by the Participating Countries will be analyzed, evaluated and assessed.
2. Periodic assessment reports on the state of [regional air pollution][acid deposition] in East Asia will be prepared based on the data reports, disseminated and made available to the public.

[Article 6/Item 6]**Research Activities**

1. The Participating Countries will promote studies on 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 7/Item 7]**Education and Training**

The Participating Countries, in collaboration with the NC and the Secretariat, will promote and cooperate in developing and implementing education/training programs to implement this Instrument.

[Article 8/Item 8]**Public Awareness**

The Participating Countries 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.

[Option 1]**[Article 9/Item 9]****Exchange of Information**

The Participating Countries 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,

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[Article 10/Item 10]**Intergovernmental Meeting**

1. An Intergovernmental Meeting is hereby established.
2. The IG, composed of the representatives of all Participating Countries, is the decision-making body of the EANET. The tasks of the IG include, among others, the following:
 - a) review and approval of the work program and budget of the EANET, [taking into account amount of money available in the Fund];
 - b) review of implementation of the work program;
 - c) review and approval of periodic assessment reports on the state of [regional air pollution][acid deposition] in East Asia;
 - d) establishment of subsidiary bodies as necessary and appropriate;
 - e) review and approval of scientific, technical, administrative and financial matters for the management of the EANET;
 - f) adoption of the rules of procedures for the IG and subsidiary bodies, including the SAC;
 - g) provision of necessary instructions and guidance to the subsidiary bodies, the Secretariat and the NC on their activities;
 - h) decision on other matters related to the management of the EANET and implementation of the work program; and
 - [i) adoption of annexes, protocols and amendments to this Instrument.]
3. The IG will meet annually, unless otherwise decided.

[Article 11/Item 11]**Secretariat**

1. [A Secretariat is hereby established.] [UNEP is designated as the Secretariat for this instrument by the Participating Countries.]
2. The Secretariat, designated by the IG for the effective management of the EANET and to facilitate cooperation among the Participating Countries in a transparent manner, will carry out the following tasks under the guidance of the IG:
 - a) necessary administrative arrangements for the meetings of the IG, the SAC, and other subsidiary bodies;
 - b) necessary administrative and financial arrangements for managing the EANET;
 - c) communication and cooperation in administrative and policy aspects as the focal point of the EANET;
 - d) promotion of capacity building and public awareness in cooperation with the NC; and
 - e) other necessary tasks as requested by the IG.

[Article 12/Item 12]**Scientific Advisory Committee**

1. A Scientific Advisory Committee is hereby established.
2. The SAC, composed of scientific and technical experts from the Participating Countries, 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 will include the following:
 - a) scientific and technical aspects for EANET;
 - b) development and revision of the monitoring guidelines and technical manuals;
 - c) matters related to the selection of monitoring sites, QA/QC programs, data reporting procedures and formats;
 - d) matters related to collection, evaluation, assessment and analysis of monitoring data;
 - e) preparation of periodic assessment reports on the state of [regional air pollution][acid deposition] in East Asia, based on, but not limited to the data compiled by the NC;
 - f) matters related to studies on [regional air pollution][acid deposition]; and
 - g) other scientific matters as requested by the IG.
3. If the Committee considers necessary for fulfilling its objectives, experts from countries other than the Participating Countries may be invited to assist the Committee.

[Article 13/Item 13]**Network Center**

1. [A Network Center (NC) is hereby established.] [The Acid Deposition and Oxidant Research Center, based in Japan is designated as the NC for this instrument by the Participating Countries.]
2. The NC, to handle scientific and technical matters of the EANET activities, and to facilitate cooperation among the Participating Countries in a transparent manner, will carry out the following tasks under the guidance of the IG:
 - a) central compilation, evaluation, storage and analysis of monitoring data and related information;
 - b) preparation of data reports on [regional air pollution][acid deposition] in East Asia;
 - c) dissemination of monitoring data and other relevant information;
 - d) provision of technical assistance to the Participating Countries in implementing the EANET activities;
 - e) implementation and coordination of QA/QC activities;
 - f) development and implementation of education/training programs for those engaged in the EANET activities;
 - g) implementation of research activities on [regional air pollution][acid deposition];
 - h) provision of scientific and technical support for the IG, the SAC and other subsidiary bodies;
 - i) promotion of capacity building and public awareness in cooperation with the Secretariat; and
 - j) other tasks as requested by the IG.

*[Option1***[Article 14/Item 14]****Financial Arrangement**

1. A Fund is hereby established for the implementation of this Instrument.]
2. The administrative and operational cost of the national monitoring within each country will be borne by each country.
3. The administrative and operational costs of the Secretariat [and the NC core] activities will be financed by voluntary contributions by the Participating Countries, while efforts should be made to mobilize existing funding sources and seek new ones.
4. The voluntary financial contribution of the Participating Countries will be based on the flat rate amount and burden sharing according to the latest UN assessment scale. Contribution will be the minimum amount needed to operate the Secretariat [and the NC core] activities. The Participating Countries may provide additional financial and in-kind contributions on a voluntary basis.
5. Financial and in-kind contribution may be made by international and regional organizations, non-governmental organizations (NGOs) and other sources, subject to approval by the IG.

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*[Option2 (simplified)***[Article 14/Item 14]****Financial Arrangement**

1. The administrative and operational cost of the national activities within each country will be borne by each country within the respective budgetary appropriations.
2. Contributions will be paid in accordance with the respective laws and regulations and within the respective budgetary appropriations of each Participating Country, based on the financial rules and other relevant decisions adopted by the IG.

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**[Item 15
Amendments]**

1. Any Participating Country may propose amendments to the instrument after five years of the date of signature by the government of the Participating Countries.
2. The text of any proposed amendments to the instrument will be signed by the government of the Participating Countries.]

**[Item 16
Withdrawal]**

A Participating Country may withdraw from the [EANET] at any time by giving written notice of withdrawal to the Secretariat.]

**[Item 17
Admission]**

Countries in East Asia, which includes Northeast Asia and Southeast Asia, not originally participating in the EANET, may subsequently submit to the Secretariat an application for participation, which is subject to approval by the IG.]

[The Instrument will be approved in accordance with national procedures of each of the participating countries and will become effective on the 30th day after the date of submission of diplomatic note [or other written notice] to the Secretariat indicating such approval.

In witness whereof the undersigned, being duly authorized thereto by their respective governments, have signed this Instrument.

Name of country, signature....]

Note: Article 15-24 are considered as specific for legally binding text.

Article 15
Amendments

1. Any Participating Country may propose amendments to the instrument after five years of the date of signature by the government of the Participating Countries.
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 [will be signed by the government of the Participating Countries] 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.
[Amendments shall be adopted by two-thirds majority of the representatives of the parties present and voting at the meeting of the IG.]
5. The adopted amendments shall be communicated by the Secretariat to the Depositary, 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 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.

[Article 16]
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 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.]

[Article 17]**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 18**Signature**

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

[Article 19]**Settlement of Disputes**

Any dispute between Parties as to the interpretation or application of, or compliance with, this Agreement or any protocol thereto, shall be settled amicably by consultation or negotiation]

Article 20**Ratification, Acceptance, Approval and Accession**

The Agreement shall be subject to ratification, acceptance, approval or accession by [States][Countries] [listed in Annex I]. It shall be open for accession by such [Member] [Participating] Countries 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 country[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 3**[OPTION B]***[Title]*

Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia
--

The Participating Countries to this instrument,

Recognizing that East Asia is facing increasing risks of problems related to [acid deposition],

Acknowledging the successful operation of the preparatory-phase activities of the Acid Deposition Monitoring Network in East Asia (EANET), 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 EANET was established in January 2001 as an important initiative for regional cooperation, aiming at creating a common understanding on the state of acid deposition problems, at providing useful inputs to policy makers at various levels, and at contributing to cooperation on the issues related to acid deposition among the participating countries,

Emphasizing that activities of the cooperative network on the acid deposition in East Asia under EANET has been developed by taking a step-wise approach by the Participating Countries on a voluntary basis,

Determined to renew their commitment to continuing the activities of EANET as set out in Tentative Design,

Recognizing that the Intergovernmental Meeting of EANET composed of the representatives of all the participating countries, is the decision-making body of the Network and that it continues to exercise the functions as described in the Tentative Design,

Expressing their support for the work of the Secretariat of EANET as set out in the Tentative Design.

Noting also the work of the Scientific Advisory Committee and of the Network Center of EANET as set out in the Tentative Design,

Recognizing the importance of appropriate financial arrangement for the sound operation of the EANET with a view to sustaining the development of EANET and enhancing capacity building of acid deposition monitoring for all the participating countries of EANET,

Have thus decided to make financial contribution to the EANET.

Objectives of the financial arrangement

The objectives of this financial arrangement are

1. to provide a sound basis for financial contribution to EANET;
2. to help sustain the development of EANET;
3. to strengthen the financial arrangement mechanism of EANET;
4. to ensure sufficient financial resources to enhance capacity building on acid deposition monitoring for participating countries of EANET.

Principles for financial contribution

The participating countries will be guided by the following principles in the implementation of this instrument:

1. The use of financial contribution will produce effective outcome;
2. The related executive body will take necessary measures to improve efficiency of contribution;
3. All the participating countries are encouraged to make voluntary contribution to network;
4. Network will be open to financial and in-kind contribution from other source, including international and regional organization, NGO and etc subject to the approval of IG or National Focal Points.

Contribution

1. The contributions of the Participating Countries shall be in the form of voluntary contributions.
2. Contribution may be made in convertible currency, non-convertible currency, or in kind;
3. The voluntary contribution in cash will be deposited in a fund or other place by approval of participating countries;
4. The amount of financial contribution by the participating countries will be made in accordance of the IG decision.
5. All payments by the Participating Countries are encouraged, taking into account their economic and social circumstances, to contribute either on the basis of IG decision or above it or maintain their contributions at the top historical level.
6. The contribution refers to the contribution to the Secretariat at present stage, and the discussion of possible contribution to the Network Center would be made after reviewing its performance.

Expenditure of contribution

1. The contribution will be administered by the EANET Secretariat under the guidance of IG;
2. The core activities that will be covered by contribution should be agreed on by participating countries.
3. The use of the income from contribution should finance the activities of general interest.

Supervision

1. The annual financial report with specific format will be reported by the Secretariat to IG.
2. The financial efficiency of the Secretariat will be audited by the independent auditing agency and the Secretariat shall submit, as soon as practicable, the audited accounts for the financial period.

Annex 4

Timetable for the Text of the Instrument and WGFD Report to IG10

1) Text of the Instrument

- Circulate/ send the merged text of Option A and B of Article/Item 14 to National Focal Points/WGFD members/participants of WGFD7: first week of September
- Get response from countries: end of September
- Revising the text by the Secretariat and send again to NFPs: end of October
- Special Session of the WGFD: third week of November

2) WGFD Report to IG10 on the Instrument

- Second Draft to be sent to the countries/NFPs/Participants of WGFD7: middle of August
- Comments from countries: middle of September
- Third Draft to be sent to the countries: middle of October
- Response by the countries: end of October
- Fourth Draft to be sent to the countries: first week of November

Annex 5

EANET/WGFD 7/7 rev

**ACTIVITIES OF THE WORKING GROUP ON FUTURE
DEVELOPMENT (WGFD) AFTER 2008
(Revised Draft)**

1. In line with the decision at the Fifth Session of the Intergovernmental Meeting (IG5) on the Acid Deposition Monitoring Network in East Asia (EANET) held in Pattaya, Thailand, on 27-28 November 2003, the Working Group on Future Development of EANET (hereinafter referred to as the “WGFD”) was established on an ad hoc basis.
2. Upon the expiration of the Terms of Reference (TOR) of the WGFD for 2004-2006, adopted by the Sixth Session of the Intergovernmental Meeting (IG6), a new TOR for the WGFD was adopted in 2006 by the Eighth Session of the Intergovernmental Meeting (IG8) for the period 2007-2008.

Progress in implementation of the tasks assigned to WGFD (2007-2008)

3. The tasks assigned to the WGFD for 2007-2008 are to:
 - (i) discuss and develop an appropriate instrument and its legal status to provide a sound basis for financial contribution for EANET and report the results of the discussion to the Tenth Session of the Intergovernmental Meeting (IG10) for its consideration;
 - (ii) review the performance of the Secretariat and the Network Center (NC) during the year 2005-2007, including the financial aspect, for future development of the EANET and submit the review report to the IG10 in 2008;
 - (iii) guide the Secretariat and the NC to carry out capacity building activities; and
 - (iv) carry out other tasks requested by the Intergovernmental Meeting (IG)
4. Two Sessions of the WGFD were convened per year in 2007 and 2008. Task (i) is not fully completed as of July 2008. As requested by the Ninth Session of the Intergovernmental Meeting in November 2007, the WGFD will submit a Report of the Working Group on Future Development (WGFD) on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET, for consideration of the IG10, as stated in the IG Decision at its Seventh Session(Decision 1/IG7 (The Niigata Decision)).

Proposal for continuation of the WGFD for the next 2 years

5. There are still remaining tasks relating to future development of EANET after 2008 and the IG may wish to consider the continuation of the WGFD for the next two years to continue its tasks, under the guidance of the IG.

Proposed tasks of WGFD (2009-2010)

6. The tasks to be undertaken by the WGFD may include providing guidance on activities in line with the Strategy on EANET Development (2006-2010) including the preparation of two important documents for future development of EANET which are the Medium Term Plan (2011-2015) and the next Report of the WGFD for Future Development of EANET, if necessary.
7. The IG, may wish to consider the following tasks of the WGFD in 2009-2010, under the guidance of the IG:
 - (i) Review the performance of the Secretariat and the NC in the period 2008-2009;
 - (ii) Guide the Secretariat and the NC to carry out capacity building activities;
 - (iii) Review the implementation of the Strategy on EANET Development (2006-2010);
 - (iv) Develop the next Medium Term Plan (2011-2015), in collaboration with the Scientific Advisory Committee (SAC);
 - (v) Prepare the next Report of the WGFD for Future Development of EANET, if necessary; and
 - (vi) Carry out other tasks as requested by the IG.
8. The IG10 Session may wish to consider and make a decision on the future name, roles and status of the WGFD.

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

AGENDA

1. Opening of the Session
2. Adoption of the Agenda
3. Consideration of the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET and Draft Report of the WGFD on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET
4. Consideration of the Report on the Progress of EANET since the Ninth Session of the Intergovernmental Meeting (IG9) and the Financial Reports of the Secretariat and NC in 2007
5. Consideration of the Draft Report on the Review of Performance of the Secretariat and the Network Center (2005-2007)
6. Consideration of the Draft Work Program and Budget in 2009 for EANET
7. Consideration of the Activities of the Working Group on Future Development (WGFD) after 2008
8. Other Issues
9. Consideration and Adoption of the Report of the Session
10. Closing of the Session

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

ANNOTATED AGENDA

1. Opening of the Session

The Session will be opened by the Secretariat.

2. Adoption of the Agenda

The Session will be invited to consider and adopt the Agenda of the Session (EANET/WGFD 7/2/1) as well as the Draft Program (EANET/WGFD 7/2/3).

3. Consideration of the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET and Consideration of the Draft Report of the Working Group on Future Development (WGFD) on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET

The Secretariat will make a presentation on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET (EANET/WGFD 7/3/1) and the comments received from participating countries so far. The Session will be invited to discuss, make comments and provide suggestions/guidance on the Text.

Taking into account the progress on the Text, during WGFD7, the Secretariat will make a presentation on the Draft Report of the Working Group on Future Development (WGFD) on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET (EANET/WGFD 7/3/2) that will be presented at the Tenth Session of the Intergovernmental Meeting (IG10). The Session will be invited to discuss, make comments and provide clearance, in principle, of the report for submission to IG10.

4. Consideration of the Report on the Progress of EANET since the Ninth Session of the Intergovernmental Meeting (IG9)

The Secretariat and the Network Center (NC) will briefly make presentations on the report on the progress of EANET after the Ninth Session of the Intergovernmental Meeting (IG9) (EANET/WGFD 7/4/1). The financial reports of the Secretariat and NC in 2007 (EANET/WGFD 7/4/2) will be included in the presentation. The Session will be invited to comment on the reports, if any.

5. Consideration of the Draft Report on the Review of Performance of the Secretariat and the Network Center (2005-2007)

The Secretariat and the NC will make presentations on the Draft Report on the Review of Performance of the Secretariat and the Network Center for the period 2005-2007 (EANET/WGFD 7/5/1 and EANET/WGFD 7/5/2). The Session will be invited to provide comments and guidance, as appropriate.

6. Consideration of the Draft Work Program and Budget in 2009 for EANET

The Secretariat and the NC will present the Draft Work Program and Budget in 2009 for EANET (EANET/WGFD 7/6). The Session will be invited to discuss the report and make comments for consideration at the IG10.

7. Consideration of the Activities of the Working Group on Future Development (WGFD) after 2008

The Secretariat will make a presentation on the Activities of Working Group on Future Development (WGFD) after 2008 (EANET/WGFD 7/7). The session will be invited to discuss, make comments, consider and adopt the document, if necessary, for consideration and approval of IG10.

8. Other Issues

The Session will discuss and consider other issues to be raised by the participants, Secretariat, and/or the 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.

10. Closing of the Session

The Chairperson will close the Session.

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

PROGRAM

First Day (Tuesday, 29 July 2008)

8:30-9:00	Registration
9:00-9:30	Opening of the Session Adoption of the Agenda
9:30-10:30	Consideration of the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET
10:30-11:00	Coffee Break
11:00-12:30	Consideration of 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 of 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 of the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET (continue)
18:30	Reception Party

Second Day (Wednesday, 30 July 2008)

9:00-10:30	Consideration of the Draft Report of the WGFD on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET
10:30-11:00	Coffee Break
11:00-12:30	Consideration of the Report on the Progress of EANET since the Ninth Session of the Intergovernmental Meeting (IG9)

12:30-14:00	Lunch
14:00-15:00	Consideration of the Draft Report on the Review of Performance of the Secretariat and the Network Center (2005-2007)
15:00-15:30	Consideration of the Draft Work Program and Budget in 2009 for EANET
15:30-16:00	Coffee Break
16:00-17:00	Consideration of the Draft Work Program and Budget in 2009 for EANET (continue)
17:00-17:30	Consideration of the activities of the Working Group on Future Development (WGFD) after 2008

Third Day (Thursday, 31 July 2008)

9:00-10:00	Consideration of the activities of the Working Group on Future Development (WGFD) after 2008 (continue)
10:00-10:30	Other issues
10:30-11:00	Coffee Break
11:00-12:30	Consideration on the Report of the Session
12:30-14:00	Lunch
14:00-16:00	Consideration on the Report of the Session (continue)
16:00	Closing of the Session

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

REVISED DRAFT TEXT OF THE INSTRUMENT TO PROVIDE A SOUND BASIS FOR CONTRIBUTION TO EANET

[OPTION A]

[Title

[option1: [Framework Agreement][Joint Declaration][Agreement] to Promote Cooperation for the [Prevention and Control][Management] of [Regional Air Pollution][Acid Deposition] in East Asia]

[option 2: Agreement on [acid deposition][regional air pollution] in East Asia]

[option 3: Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia]

The [Parties][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 (EANET), 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 EANET was established in January 2001 as an important initiative for regional cooperation, aiming at creating a common understanding on the state of acid deposition problems, at providing useful inputs to policy makers at various levels, and at contributing to cooperation on the issues related to acid deposition among the participating countries[, and that currently, thirteen countries in East Asia are participating in EANET and have been working together to conduct acid deposition monitoring and implemented other activities for EANET],

Emphasizing that activities of the cooperative network on the acid deposition[and other regional air pollution] in East Asia under EANET 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,

[Also recognizing the guidance of the Intergovernmental Meeting (IG) that the instrument should be simple, flexible, open for future development and be based on the Joint Announcement, Tentative Design and include other decisions of the IG,]

Have [agreed][declared] as follows:

[[Article 1][Item 1]]

Definitions

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

[“Participating Country” means.....]

[“East Asia” means]

[“Acid Deposition” means....]

[“EANET” means....]

[“Regional air pollution” means[air pollution including] acid deposition at the first stage with possible extension to other air pollution, which has regional implications as decided by the [Parties][Participating countries].]

[“Management” means monitoring and other air pollution management activities as decided by the [Parties][Participating countries].]]

[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 contribute to cooperation on the issues related to [regional air pollution][acid deposition] among the [Parties][Participating Countries].

[[Article 3][Item 3]]

[General Obligations][Principles]

1. The [Parties][Participating Countries] [shall][should][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][Participating Countries] [shall][should][will] [be encouraged to] take appropriate measures to anticipate, monitor[and prevent] [regional air pollution][acid deposition]to minimize its adverse impacts[, taking into account the precautionary principle]. [Where there are threats of serious or irreversible damage [from regional air pollution][acid deposition], even without enough scientific certainty, precautionary measures shall be taken by the [Parties][Participating Countries] concerned.]
3. The [Parties][Participating Countries] [shall][should][will] promote active participation, and bilateral and multilateral cooperation for effective implementation of the activities under the [Agreement][Joint Declaration].]

[Option 1]**[Article 4][Item 4]****Monitoring and Reporting**

1. The [Parties][Participating Countries] [shall][will] implement and strengthen their monitoring activities in line with this [Agreement][Joint Declaration].
2. Each [Party][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][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 IG, referred to in [Article 10][Item 10].
4. Each [Party][Participating Country] [shall][will] report the monitoring data and other relevant information to the Network Center (NC), referred to in [Article 13][Item 13], in accordance with the guidelines adopted by the IG.
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 12][Item 12], [shall][will] be implemented in full collaboration among the [Parties][Participating Countries] for monitoring activities under the [Agreement][Joint Declaration].
6. The monitoring data and other information submitted by the [Parties][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 IG.

]

[Option 2]**[[Article 4][Item 4]]****Monitoring and Reporting**

The [Parties][Participating Countries] [shall][will] implement and strengthen their monitoring activities in line with the Tentative Design with its subsequent revisions as agreed by the [Parties][Participating Countries].

]

[Article 5][Item 5]**Assessment**

1. The monitoring data and other information submitted by the [Parties][Participating Countries] [shall][will] be analyzed, be evaluated and be assessed.
2. Periodic assessment reports on the state of [regional air pollution][acid deposition] in East Asia [shall][will] be prepared based on the data reports, disseminated and made available to the public.

[Article 6][Item 6]**Research Activities**

1. The [Parties][Participating Countries] [shall][should][will] promote studies on scientific issues related to [regional air pollution][acid deposition] [including studies on emission inventories and modeling].
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 7][Item 7]**Education and Training**

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

[Article 8][Item8]**Public Awareness**

The [Parties][Participating Countries] [shall][should][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.

*[Option1]***[Article 9][Item 9]****Exchange of Information**

The [Parties][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.

]

[Option2: The provision of “Exchange of Information” is integrated in [Article 10][Item 10], presented as para. 2.a.)]

[Article 10][Item 10]**Intergovernmental Meeting**

- [1. An Intergovernmental Meeting is hereby established.]
2. The IG, composed of the representatives of all [Parties][Participating Countries], is the decision-making body of the [EANET][Agreement][Joint Declaration]. The tasks of the IG include, among others, the following:
 - a) 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;]
 - b) review and approval of the work program and budget [of the EANET][for implementation of the [Agreement][Joint Declaration]], taking into account amount of money available in the Fund];
 - c) review of implementation of the work program;
 - d) review and approval of periodic assessment reports on the state of [regional air pollution][acid deposition] in East Asia;
 - e) establishment of subsidiary bodies as necessary and appropriate;
 - f) review and approval of scientific, technical, administrative and financial matters for the management of the [EANET][Agreement][Joint Declaration];
 - g) adoption of the rules of procedures[and financial rules] for the IG and subsidiary bodies, including the SAC;
 - h) provision of necessary instructions and guidance to the subsidiary bodies, the Secretariat and the NC on their activities;
 - i) decision on other matters related to the management of the [EANET][Agreement][Joint Declaration] and implementation of the work program; and
 - j) adoption of annexes, protocols and amendments to this [Agreement][Joint Declaration].
3. The IG [shall][will] meet annually, unless otherwise decided.

[Article 11][Item11]**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][Participating Countries] in a transparent manner, [shall][will] carry out the following tasks under the guidance of the IG:
 - a) necessary administrative arrangements for the meetings of the IG, the SAC, and other subsidiary bodies;
 - b) necessary administrative and financial arrangements for managing the [EANET][Agreement][Joint Declaration];
 - c) communication and cooperation in administrative[and policy] aspects as the focal point of the [EANET][Agreement][Joint Declaration];
 - d) promotion of capacity building and public awareness in cooperation with the NC; and
 - e) other necessary tasks as requested by the IG.

[Article 12][Item 12]**Scientific Advisory Committee**

- [1. A Scientific Advisory Committee is hereby established.]
2. The SAC, composed of scientific and technical experts from the [Parties][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:
 - a) scientific and technical aspects of the monitoring strategies[for EANET];
 - b) development and revision of the monitoring guidelines and technical manuals;
 - c) matters related to the selection of monitoring sites, QA/QC programs, data reporting procedures and formats;
 - d) matters related to collection, evaluation, assessment and analysis of monitoring data;
 - e) preparation of periodic assessment reports on the state of [regional air pollution][acid deposition] in East Asia[, based on the data report compiled by the NC];
 - f) matters related to studies on [regional air pollution][acid deposition]; and
 - g) 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][Participating Countries] may be invited to join the Committee.

[Article 13][Item 13]**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][Participating Countries] in a transparent manner, [shall][will] carry out the following tasks under the guidance of the IG:

- a) central compilation, evaluation and storage of monitoring data and related information;
- b) preparation of data reports on [regional air pollution][acid deposition] in East Asia;
- c) dissemination of monitoring data and other relevant information;
- d) provision of technical assistance to the [Parties][Participating Countries] in implementing [EANET activities][activities under the [Agreement][Joint Declaration]];
- e) implementation and coordination of QA/QC activities;
- f) development and implementation of education/training programs for those engaged in [EANET activities][activities under the [Agreement][Joint Declaration]];
- g) implementation of research activities on [regional air pollution][acid deposition];
- h) provision of scientific and technical support for the IG, the SAC and other subsidiary bodies;
- i) promotion of capacity building and public awareness in cooperation with the Secretariat; and
- j) other tasks as requested by the IG.

[Option1]

[Article 14][Item 14]

Financial Arrangement

- 1. A Fund is hereby established for the implementation of this [Agreement][Joint Declaration.]
- 2. The administrative and operational cost of the national monitoring within each country [shall][will] be borne by each country.
- 3. The [Parties][Participating Countries] [shall][will] make[voluntary] contribution to the fund [in accordance with the decision of the IG].
- 4. The voluntary financial contribution of the [Parties][Participating Countries] [shall][will][may] be based on the flat rate amount and burden sharing according to the latest UN assessment scale[,unless otherwise decided by the IG]. Contribution [shall][will][may] be the minimum amount needed to operate the Secretariat and NC core activities. The [Parties][Participating countries] may provide additional financial and in-kind contributions on a voluntary basis.
- 5. [International and regional organizations, non-governmental organizations (NGOs) and other sources may provide financial and in-kind contribution, subject to the [agreement of][approval by] the IG.]

]

[Option2 (simplified)]

[Article 14][Item 14]

Financial Arrangement

- 1. The administrative and operational cost of the national activities within each country [shall][will] be borne by each country within the respective budgetary appropriations.

2. Contributions [shall][will] be paid in accordance with the respective laws and regulations and within the respective budgetary appropriations of each [Party][Participating Country], based on the financial rules and other relevant decisions adopted by the IG.

]

Note: Article 15-24 are considered as specific for legally binding text.

Article 15
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.
[Amendments shall be adopted by two-thirds majority of the representatives of the parties present and voting at the meeting of the IG.]
5. The adopted amendments shall be communicated by the Secretariat to the Depositary, 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 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.

[Article 16]
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 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.]

[Article 17**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 18**Signature**

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

[Article 19**Settlement of Disputes**

Any dispute between Parties as to the interpretation or application of, or compliance with, this Agreement or any protocol thereto, shall be settled amicably by consultation or negotiation]

Article 20**Ratification, Acceptance, Approval and Accession**

The Agreement shall be subject to ratification, acceptance, approval or accession by [States][Countries] [listed in Annex I]. It shall be open for accession by such [Member] [Participating] Countries 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 country[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.

Note: Item 15-16 are specific for non-legally binding text.

[Item 15]

Withdrawal

A Participating country may withdraw from the [EANET][Joint Declaration] at any time by giving written notice of withdrawal to the Secretariat.]

[Item 16]

Admission

Countries in East Asia, which includes Northeast Asia and Southeast Asia, not originally participating in the [EANET][Joint Declaration], may subsequently submit the Secretariat an application for participation, which is subject to approval by the IG.]

[Annex I] [Participating] Countries]

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

]

[OPTION B]*[Title]*

Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia
--

The Participating Countries to this instrument,

Recognizing that East Asia is facing increasing risks of problems related to [acid deposition],

Acknowledging the successful operation of the preparatory-phase activities of the Acid Deposition Monitoring Network in East Asia (EANET), 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 EANET was established in January 2001 as an important initiative for regional cooperation, aiming at creating a common understanding on the state of acid deposition problems, at providing useful inputs to policy makers at various levels, and at contributing to cooperation on the issues related to acid deposition among the participating countries,

Emphasizing that activities of the cooperative network on the acid deposition in East Asia under EANET has been developed by taking a step-wise approach by the Participating Countries on a voluntary basis,

Determined to renew their commitment to continuing the activities of EANET as set out in Tentative Design,

Recognizing that the Intergovernmental Meeting of EANET composed of the representatives of all the participating countries, is the decision-making body of the Network and that it continues to exercise the functions as described in the Tentative Design,

Expressing their support for the work of the Secretariat of EANET as set out in the Tentative Design.

Noting also the work of the Scientific Advisory Committee and of the Network Center of EANET as set out in the Tentative Design,

Recognizing the importance of appropriate financial arrangement for the sound operation of the EANET with a view to sustaining the development of EANET and enhancing capacity building of acid deposition monitoring for all the participating countries of EANET,

Have thus decided to make financial contribution to the EANET.

Objectives of the financial arrangement

The objectives of this financial arrangement are

1. to provide a sound basis for financial contribution to EANET;
2. to help sustain the development of EANET;
3. to strengthen the financial arrangement mechanism of EANET;
4. to ensure sufficient financial resources to enhance capacity building on acid deposition monitoring for participating countries of EANET.

Principles for financial contribution

The participating countries will be guided by the following principles in the implementation of this instrument:

1. The use of financial contribution will produce effective outcome;
2. The related executive body will take necessary measures to improve efficiency of contribution;
3. All the participating countries are encouraged to make voluntary contribution to network;
4. Network will be open to financial and in-kind contribution from other source, including international and regional organization, NGO and etc subject to the approval of IG or National Focal Points.

Contribution

1. The contributions of the Participating Countries shall be in the form of voluntary contributions.
2. Contribution may be made in convertible currency, non-convertible currency, or in kind;
3. The voluntary contribution in cash will be deposited in a fund or other place by approval of participating countries;
4. The amount of financial contribution by the participating countries will be made in accordance of the IG decision.
5. All payments by the Participating Countries are encouraged, taking into account their economic and social circumstances, to contribute either on the basis of IG decision or above it or maintain their contributions at the top historical level.
6. The contribution refers to the contribution to the Secretariat at present stage, and the discussion of possible contribution to the Network Center would be made after reviewing its performance.

Expenditure of contribution

1. The contribution will be administered by the EANET Secretariat under the guidance of IG;
2. The core activities that will be covered by contribution should be agreed on by participating countries.
3. The use of the income from contribution should finance the activities of general interest.

Supervision

1. The annual financial report with specific format will be reported by the Secretariat to IG.
2. The financial efficiency of the Secretariat will be audited by the independent auditing agency and the Secretariat shall submit, as soon as practicable, the audited accounts for the financial period.

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

**REPORT OF THE WORKING GROUP ON FUTURE DEVELOPMENT (WGFD)
FOR THE TENTH SESSION OF THE INTERGOVERNMENTAL MEETING OF
EANET (IG10) ON THE INSTRUMENT TO PROVIDE A SOUND BASIS FOR
CONTRIBUTION TO EANET (DRAFT)**

I. INTRODUCTION

• **Background**

1. The Seventh Session of the Intergovernmental Meeting (IG7) adopted the Decision 1/IG7 (Niigata Decision) which 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. 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. The Eighth Session of the Intergovernmental Meeting (IG8) of EANET, held in November 2006, in Hanoi, Viet Nam decided 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. IG8 also pointed out that financial contributions could not be identified in the text of the objectives of the instrument.

• **Terms of Reference of the WGFD**

3. The Terms of Reference of the Working Terms of Reference for the Working Group on Future Development (WGFD) of EANET for 2007-2008 adopted by the IG8 states that, under the guidance of the Intergovernmental Meeting it will, among other tasks, discuss and develop an appropriate instrument and its legal status to provide a sound basis for financial contribution to EANET and report the results of the discussion to the Tenth Session of the Intergovernmental Meeting (IG10) for its consideration.

II. MAJOR DISCUSSIONS ON THE TEXT OF THE INSTRUMENT

4. The Fourth Session of the Working Group on Future Development (WGFD4) held in Pathumthani, Thailand in June 2007 discussed the first negotiating text on the Instrument prepared by the Secretariat. The Session requested the Secretariat to prepare two versions, a legally binding and a non-legally binding text based on the revisions proposed for discussions at its next session. The Fifth Session of the Working Group on Future Development (WGFD5) held in Pathumthani, Thailand in September 2007 discussed the revised text and decided to submit a report to the Ninth Session of the Intergovernmental Meeting (IG9) consisting of the following items:
 - Two versions of the draft text (legally binding and non-legally binding) with brackets;
 - Cost estimates of the core budget activities of the Secretariat and the Network Center (NC), based on the current texts; and
 - Compilation of the comments on the draft text from the participating countries (including those to be submitted by the second week of October 2007)
5. The IG9 held in Vientiane, Lao PDR in November 2007 requested the Secretariat to produce a consolidated text by integrating the draft legally binding and non-legally binding texts of the Instrument in order to focus attention on the contents of the Instrument. The Session further requested the Secretariat to integrate comments received into the text. The WGFD was requested to proceed with the discussions based on the consolidated text with the aim of reporting the results of the discussions to IG10.
6. The Sixth Session of the Working Group on Future Development (WGFD6) held in Pattaya, Thailand in April 2008 prepared a preliminary revised draft text based on the discussion and decisions made at the meeting. The revised draft includes 2 different structure of options, cited as Option A and Option B, to reflect all the comments from participating countries. The Session also decided that the outline of the Report of the WGFD for IG10 on the Instrument to Provide a Sound Basis for Contribution to EANET shall contain the following structure:
 - I. Introduction
 - Background
 - Terms of Reference of the WGFD
 - II. Major discussions on the Text of the Instrument
 - Components of the Instrument
 - Legal Status of the Instrument
 - Scope of the Instrument
 - Financial arrangement
 - Others
 - III. Proposed Text of the Instrument
 - IV. Issues for consideration by IG10
7. The Seventh Session of the Working Group on Future Development (WGFD7) held in Pathumthani, Thailand on 29-31 July 2008 will review the revised draft text of the

Instrument and will make further revisions based on comments submitted by countries before the Session and the discussions during the session.

8. The major comments on the Instrument at the above sessions of the WGFD are summarized under the following headings for consideration and decision of IG10.

- **General discussion**

9. The Session was reminded by one country that the starting point and the purpose for developing the instrument is to solve the problem of financial contribution. The Session was also reminded by some countries that the instrument is to provide a sound basis for financial contribution to EANET.
10. The title of the text of the instrument will be decided at the later stage.
11. To make the instrument complete and stand-alone, it was emphasized by some countries that components of principles, activities and institutional arrangement need to be included into the main text of the instrument.

- **Components of the Instrument**

12. The components of the instrument were presented at the IG8, consisting of six sections as follows:
 - (1) Preamble
 - (2) General Provisions
 - (3) Specific obligations and content of activities
 - (4) Provisions on organizations
 - (5) Financial arrangement
 - (6) Procedures
13. It was suggested by one country including explicitly into the preamble the guidance of the Intergovernmental Meeting (IG) that the instrument should be simple, flexible and open for future development of EANET, and be based on the Joint Announcement (JA), the Tentative Design (TD) and other IG decisions.
14. It was emphasized that the principles for the discussion of the instrument should be simple, flexible, open for future development, and based on JA and TD and relevant decisions at the IG meetings.
15. It was also pointed out by the Chairperson that preamble usually contains background of the text to be adopted and it would not be appropriate to provide for main components of the text such as specific activities and institutional arrangements.

16. It was expressed by one country that some elements in the Option 2 of the original draft text (EANET/WGFD 6/3/1) prepared for the preamble might be re-arranged under some of the items of the main text of the instrument.

- **Legal status of the Instrument**

17. It was emphasized by some countries that the legally binding instrument is important while some others preferred a non-legally binding instrument. Some emphasized the importance to strengthen the basis of EANET by upgrading the status of the instrument.

- **Scope of the Instrument**

18. Both the scope of substances for EANET and the scope of activities of EANET were discussed. With regard to scope of substances, the following options were discussed:

- Regional air pollution including acid deposition
- Acid deposition and other regional air pollution agreed by the participating countries
- Acid deposition

Several options concerning scope of activities were also discussed:

- Prevention and control of regional air pollution or acid deposition
- Management of regional air pollution or acid deposition
- Monitoring of regional air pollution or acid deposition

19. Regarding scope of substances, some participating countries expressed their preference on a broader scope (regional air pollution) to ensure flexibility and openness for future development of EANET, while some countries considered that the present scope (acid deposition) should be kept. Another country suggested that the scope could go beyond acid deposition and the instrument could provide room for additional tasks, if and when decided by IG.

20. It was emphasized by some countries that the instrument should be strictly in line with JA and TD of EANET, while some other countries mentioned that the instrument should also be flexible and open for future development of EANET.

21. It was pointed out by some countries that the IG meetings authorized WGFD to discuss about the instrument, but not to discuss about scope of activities and monitoring substances of EANET. The issue of expanded activities of EANET and the addition of other monitoring substances would simply complicate the present situation and slow down the on-going discussion of the instrument. Some countries pointed out that WGFD should discuss the consolidated text of instrument based on the Ninth Session of the Intergovernmental Meeting (IG9) guidance and one country pointed out that the scope of instrument should be necessarily discussed as well.

22. It was brought to the attention of the Session by one country that the instrument is to provide sound basis for contribution to EANET. All the discussions should be based on the present scope of EANET. The definition of EANET forms a basis for present discussion. Some countries expressed their intention not to use the definition of EANET as a basis of discussion and scope of instrument.

• **Financial arrangement**

23. It was stressed by one country that it is important to ensure that the instrument contains a mechanism for the formulation of rules for financial contributions in a flexible manner, in accordance with the work programs, capabilities of the participating countries and other conditions. It was also proposed to simplify the provisions on financial arrangement as much as possible.

24. It was pointed out by a resource person that Option 3 of Article 15/Item 15 of the draft text of the instrument (EANET/WGFD 6/3/1) could be a useful basis for elaboration of financial rules in the future. It was also pointed out by one country that the content of the Option 3 is important to be included in the instrument.

25. A preference was expressed by one country for a legally binding instrument with clear financial arrangement in Option 1 of Article 15 of the draft of the instrument (EANET/WGFD 6/3/1) based on current decision of EANET and discussions at the previous WGFD meetings. Other new options of this Article 15 may not be acceptable in the instrument to ensure financial contribution under the conditions of its national laws and budgetary regulations.

• **Others**

26. It was emphasized by some countries that it is important to continue current EANET activities. They also emphasized their preference to use the word “EANET” in the instrument. Some countries preferred not to use the word “EANET” to avoid any possible confusion.

III. PROPOSED TEXT OF THE INSTRUMENT

27. The proposed text of the instrument is presented as Annex of this report for consideration and guidance of IG10.

(NOTE: PROPOSED TEXT WILL BE DISCUSSED ON THE FIRST DAY OF THE WGFD7)

IV. ISSUES FOR CONSIDERATION BY IG10

28. IG10 is invited to consider the document submitted by the WGFD on the Instrument to Provide a Sound Basis for Contribution to EANET.

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

REPORT ON THE PROGRESS OF EANET AFTER THE NINTH SESSION OF THE INTERGOVERNMENTAL MEETING (IG9)

I. INTRODUCTION

1. This report is prepared to review the progress of the Acid Deposition Monitoring Network in East Asia (EANET) activities after the Ninth Session of the Intergovernmental Meeting (IG9) held in November 2007 in Vientiane, Lao PDR.
2. The activities of EANET implemented during this period were guided by the “Strategy on EANET Development (2006-2010)” adopted at the Eighth Session of the Intergovernmental Meeting (IG8) held in November 2006 in Hanoi, Viet Nam, and in accordance with the Work Program and Budget of EANET in 2008 adopted at IG9. The status of implementation of the activities of the “Strategy on EANET Development (2006-2010)” is reported in the “Report on the Performance Review of the Secretariat and the Network Center for EANET” (EANET/WGFD 7/5/1 and 7/5/2).

II. INSTITUTIONAL AND ADMINISTRATIVE ARRANGEMENT

Signing of Contracts/Agreements

3. In March 2008, the Ministry of the Environment (MoE), Japan and the United Nations Environment Programme, Regional Resource Centre for Asia and the Pacific (UNEP RRC.AP) signed agreements regarding the Japanese contribution for the budget of the Secretariat activities in 2007.
4. In March 2008, MoE, Japan and the Japan Environmental Sanitation Center (JESC) also signed agreements regarding Japanese contribution for the budget for implementation of the Network Center (NC) core and additional budget activities in 2007 and for the first quarter of 2008. The Contract for the transfer of budget for the implementation of the research fellowship program in 2007 was also signed between MoE, Japan and JESC in February 2008 (ref. paragraph 47). Currently, the Secretariat and NC are finalizing the contract regarding the fellowship program in 2008.
5. In accordance with the Revised Procedures and Guideline for Voluntary Contribution to EANET adopted at IG9 in 2007, Malaysia and Thailand made contributions to the Secretariat budget in 2008 and the NC core budget for the year 2008.

6. An expert/consultant was engaged/hired by the Secretariat in March 2008 to prepare the Second Report for Policy Makers (RPM2) on EANET. This is in line with the Work Program and Budget in 2008 of EANET as decided by the IG9.

Staff Recruitment

[Secretariat]

7. On 1 October 2007, the Secretariat issued a vacancy announcement for the Programme Officer position. The Secretariat received 27 applications from participating countries. On 7 December 2007, the list of candidates was sent for comments of the National Focal Points (NFPs). On 21 March 2008, the selection committee held its meeting to review the applications of the candidates and the comments of the NFPs and selected the final candidate. After considering the comments from the participating countries, Mr. Apipong Lamsam was appointed as the Programme Officer of the Secretariat and started on his tasks from 15 May 2008 in accordance with the contract with UNEP RRC.AP.

Publication of Proceedings, Summaries of the Meetings and Newsletters, etc.

8. An issue of the EANET Newsletter, dated December 2007 was published by the Secretariat in collaboration with NC. The next issue dated June 2008 will soon be published.
9. After IG9, publications of proceedings and summaries of the following meetings were completed and distributed to the participating countries and participants of the sessions:
 - Ninth Session of the Intergovernmental Meeting (IG9)
 - Seventh Session of the Scientific Advisory Committee (SAC7)
 - Fifth Session of the Working Group on Future Development of EANET (WGFD5)
 - Eighth Senior Technical Managers' Meeting (STM8)
 - Eighth Workshop on Public Awareness for Acid Deposition Problems (WSPA8)
 - Capacity Building Course on Future Development of EANET for Officials and Experts in the Participating Countries of EANET

III. EANET MEETINGS

Working Group on Future Development of EANET (WGFD)

10. The Sixth Session of the Working Group on Future Development of EANET (WGFD6) was held on 9-11 April 2008 in Pattaya, Thailand in order to continue the discussion on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET as requested by IG9. It also reviewed the preliminary Draft RPM2 on EANET. The Session also discussed the provisional agenda for the Tenth Session of the Intergovernmental Meeting (IG10).

11. As an outcome of the discussions on the Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET, a preliminarily revised draft text reflecting the discussions at WGFD6 was prepared. The participating countries were encouraged to submit further comments to the Secretariat preferably before the end of June 2008. An outline of the report of the Working Group on Future Development on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET to be presented at IG10 was prepared. Participating countries requested that the final report should be endorsed by the WGFD Session and not through Internet communication.
12. The Seventh Session of the Working Group on Future Development of EANET was arranged by the Secretariat, to be held in AIT, Pathumthani, Thailand on 28-31 July 2008. It will discuss, among others, the following for consideration at IG10:
 - Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET and Draft Report of the WGFD on the Text of the Instrument to Provide a Sound Basis for Contribution to EANET
 - Report on the Progress of EANET since IG9
 - Draft Report on the Review of Performance of the Secretariat and the Network Center (2005-2007)
 - Draft Work Program and Budget in 2009 for EANET
 - Activities of the WGFD after 2008

Scientific Advisory Committee of EANET (SAC)

13. The Center for Environment Research, National Institute of Meteorology, Hydrology and Environment, Ministry of Natural Resources and Environment (CER/MoNRE), Viet Nam has officially notified the Secretariat of their intention to host the Eighth Session of the Scientific Advisory Committee (SAC8). The Session will be held on 15-17 October 2008 in Hanoi, Vietnam. Currently, the Secretariat and the staff of CER are making the necessary arrangement for SAC8. The Task Force on Hemispheric Transport of Air Pollution (TF HTAP) of CLRTAP will hold a meeting back-to-back with SAC8 on 13-14 October 2008 at the same venue to discuss on modeling (regional to global linkages) and impacts of transboundary transport, emissions inventories and observations. Participants of SAC8 will be invited to attend the meeting.

Intergovernmental Meeting of EANET (IG)

14. The IG9 was held in Vientiane, Lao PDR on 19-20 November 2007. Major decisions made during IG9 were the following:
 - The IG9 requested the WGFD to proceed with the discussions on the instrument, based on the consolidated text to be prepared by the Secretariat that should include all comments from participating countries received through the Secretariat, with the aim of reporting the results of the discussions to IG10 for its consideration;

- Approval of the establishment of two new Task Forces and four new Expert Groups under the Scientific Advisory Committee of EANET;
 - Adoption/Approval of the Revised Procedures and Guidelines for Contribution to EANET;
 - Adoption/Approval of the Work Program and Budget in 2008 for EANET; and
 - Approval of the Set of Procedures to be followed by EANET in Preparation of Project Proposal for Potential Donors.
15. In line with the Work Program and Budget of EANET in 2008, the IG10 will be held in autumn in 2008. A proposal for a High Level Segment (HLS) during IG10 was communicated to the participating countries through a letter dated 8 May 2008 to request the countries' comments.
16. Secretariat sent a letter in January 2008 requesting the participating countries to inform their interest/willingness to host the IG10. There was no response received from the countries. The Secretariat then proposed to hold the IG10 in Thailand on 20-21 November 2008.

Senior Technical Managers' Meeting (STM)

17. In February 2008, the NC invited participating countries to host the Ninth Senior Technical Managers' Meeting (STM9). As the NC did not receive any offer from participating countries, it was decided that STM9 will be held in the Acid Deposition and Oxidant Research Center (ADORC) in Niigata, Japan on 27-29 August 2008.

Task Forces and Expert Groups established under SAC

18. At IG9, the NC has been designated as the Secretariat of the Task Forces and Expert Groups established under SAC, each of which is chaired by a SAC member:
1. Task Force on Dry Deposition Monitoring
 2. Task Force on Soil and Vegetation
 3. Task Force on Monitoring Instrumentation
 4. Task Force on Research Coordination
 5. Expert Group on Dry Deposition Flux Estimation under the Task Force on Dry Deposition Monitoring
 6. Expert Group on Preparation of Second Periodic Report on State of Acid Deposition in East Asia
 7. Expert Group on Revision of Technical Manual on Wet Deposition Monitoring
 8. Expert Group on Revision of Technical Manual on Inland Aquatic Environment Monitoring
19. NC has started its duties as the Secretariat of the TFs/EGs soon after IG9. The NC contacted the chairs of each of the 4 Task Forces and 4 Expert Groups to discuss on membership, TOR and dates of the first meeting. The chairs and members of each subsidiary body, and

proposed dates of their meetings are attached as Annex 1. The budget for the meetings have been approved in the Work Program and Budget of NC in 2008.

20. The first meeting of the Expert Group on Dry Deposition Flux Estimation, Task Force on Research Coordination and Expert Group on Review of Inland Aquatic Environment was held in Niigata, Japan on 23-24 June, 25-26 June and 26-27 June 2008, respectively. Outcomes of the meetings of the subsidiary bodies will be informed to STM9.

Drafting Committee for the Periodic Report on the State of Acid Deposition in East Asia (PRSAD)

21. The three reports of PRSAD namely, Executive Summary, Part I: Regional Assessment and Part II: National Assessments were printed in November 2007, dispatched to all the participating countries and relevant individuals and organizations in December 2007 and January 2008.

IV. INTERNATIONAL COOPERATION - PARTICIPATION IN MEETINGS AND WORKSHOPS RELATED TO EANET

Workshop on Second Report for Policy Makers (RPM2)

22. As in the Work Program and Budget in 2009, the Secretariat will coordinate with NC and participating countries in developing materials for public awareness including RPM2 on EANET. The Workshop on RPM2 will be convened on 28 July 2008 in Pathumthani, Thailand. Prior to this workshop a draft outline and timetable for preparing the RPM2 was circulated to the participating countries for comments. A revised preliminary draft RPM2 will be discussed in this workshop.

Collaborative Assessment Network (CAN)

23. A representative of NC participated in 8th Collaborative Assessment Network (CAN8) meeting (5 November 2007) in Bangkok, Thailand and exchanged information with other UNEP partners from Central Asia, Northeast Asia, South Asia, Southeast Asia, South Pacific. The recent developments such as the e-KH (Environmental Knowledge HUB) by UNEP RRC.AP, Climate Change and Atmospheric Brown Cloud (ABC) and Health and Environment issues relevant to EANET were discussed including the role of EANET and other organizations.

Long-Range Transboundary Air Pollutants in Northeast Asia (LTP)

24. NC has been participating in the International Joint Research of LTP between Korea, China, and Japan. NC representatives attended the 9th Expert Meeting for Long-range Transboundary Air Pollutants in Northeast Asia, organized by NIER, Republic of Korea, and

held in Busan, Republic of Korea, from 6 to 8 November 2007. The reports on monitoring and modeling activities in each country were presented by the experts of three countries. The work plan for the 1st year of the 3rd Stage of the monitoring field and modeling field were agreed. Regarding emission study, it was agreed that the target year for new estimation would be determined by June 2008 taking each country's situation into account.

Twenty-fifth Session of the EB CLRTAP

25. A representative of EANET participated in the 25th session of the Executive Body of the CLRTAP held in Geneva, Switzerland from 10–13 December 2007. EANET's recent achievements and highlighted the existing and future collaboration with CLRTAP were reported. EANET will continue to explore opportunities for collaboration with relevant experts, programs, task forces and expert groups of the Convention, in particular the TF HTAP. The TF HTAP has proposed to hold a workshop back to back workshop with SAC8 in 2008.

Model Inter-Comparison Study (MICS-Asia)

26. In order to investigate the differences among the long-range transport models developed for East Asian region, NC has been collaborating with MICS-Asia. The 10th Workshop on the Transport of Air Pollution in Asia held at the International Institute for Applied Systems Analysis (IIASA), Austria on 18-19 February 2008 was financially supported by ADORC. The workshop discussed the activities to be conducted in Phase 3. It was decided that the following would be conducted as Phase III activities;
- 1) Collaboration between MICS and TF HTAP
 - 2) Source-Receptor relationship analysis in EANET region (Urban-Regional)
 - 3) Ensemble analysis based on plural models
 - 4) Studies related to Climate
 - 5) Studies related to Emission scenarios

Strategic Workshop on Forest Ecosystem in a Changing Environment

27. NC attended the Strategic Workshop on Forest Ecosystem in a Changing Environment held on 11-13 March 2008 in Sisili, Turkey. The main purpose was to identify future forest monitoring and research needs. In the Quality Assurance (QA) Session, NC introduced the EANET forest monitoring and exchanged information on QA of forest monitoring.

V. COMMUNICATION WITH PARTICIPATING COUNTRIES AND OTHER RELEVANT AGENCIES

Communication with Participating countries, etc.

28. The Secretariat received communications from some NFPs regarding a few changes on institutional bodies of EANET in their respective countries, e.g. NFPs, SAC members, etc. from time to time and circulated this information to all concerned.
29. The Secretariat is communicating continuously to all concerns regarding administrative and financial matters for EANET which include: contracting with ADORC for the NC activities and the MoE, Japan. In December 2007, the Secretariat also sent communication to all participating countries regarding transfer of voluntary contributions to EANET which included the Secretariat budget in 2008 and NC core budget in 2008.
30. The Secretariat and NC maintained close communication with the participating countries in all related activities of EANET and relevant international organizations such as United Nations Economic Commission for Europe (UN/ECE), UNEP, etc.
31. The NC also communicated with countries regarding scientific and technical issues to improve monitoring and assessment of acid deposition in the region.

Discussion with Potential Donors

32. During the IG8, the Secretariat and NC were encouraged to communicate with the potential donors to identify their interest and priority to further develop good concept papers/project proposals. The IG9 endorsed the “Capacity Building Workshop for Policy Makers of the Participating Countries of EANET” with a funding support under the Global Atmospheric Pollution Forum (GAP Forum) activities by UNEP. The Secretariat is continuously discussing with UNEP regarding the arrangement for this activity. A training module for this workshop is currently being prepared by the consultant hired by UNEP.

VI. CENTRAL COMPIRATION, EVALUATION, STORAGE AND DISSEMINATION OF DATA AND RELEVANT INFORMATION

33. The NC finalized and published the Data Report 2006 in November 2007 and distributed it to NFPs, National Centers, SAC members and other relevant organizations in December 2007. Data Report 2006 was distributed outside of EANET in January 2008. The NC would like to remind participating countries to submit their 2007 monitoring data to NC before the end of June 2008. Some participating countries have already submitted their monitoring data in 2007 to NC.
34. In accordance with the Detailed Mechanism of Article 4 of the Procedures on Data and Information Disclosure for EANET adopted at the Fifth Session of the Intergovernmental Meeting (IG5) held in Pattaya, Thailand in 2003, all of the EANET monitoring data in 2001, 2002, 2003, 2004 and 2005 are disclosed outside of EANET in January 2008 with dissemination on CD upon the requests. The data of 2006 will be disclosed in January 2009.

VII. STRENGTHENING THE CAPACITY IN THE PARTICIPATING COUNTRIES

Dispatch of technical missions

35. NC dispatched technical missions to the participating countries in 2007-2008 to exchange information and experiences, provide technical advices and disseminate the latest technical information. As of the end of June 2008, NC missions visited Cambodia and Lao PDR (December 2007), Thailand (December 2007), China (December 2007), Myanmar (December 2007), Malaysia (January 2008), Philippines (January 2008), Viet Nam (March 2008) and R. of Korea (March 2008). The mission members checked the condition of the instruments provided to countries and also provided advice on the suitability of proposed sites for future EANET monitoring. (Ref. Annex 2: Summary of Technical Missions of NC since IG9).

Implementation of the technical cooperation programs

36. With the financial support from MoE, Japan, the NC, under its technical cooperation program, has assisted some participating countries in 2007 and 2008 by providing technical and financial support in their monitoring activities. Among the assistance rendered, filter-pack sampling kits were provided to Cambodia, China, Lao PDR, Mongolia, Myanmar, Philippines and Viet Nam.

Capacity Building Workshop for Policy Makers of the Participating Countries of EANET

37. The Secretariat is currently making an arrangement regarding the “Capacity Building Workshop for Policy Makers of the Participating Countries of EANET”, as described in paragraph 32. The workshop’s main objective is to enhance the capacity of officials and those involved in the policy making process in order to contribute to the process of discussion necessary for future development of EANET. It will be held on 23-26 September 2008 in Pathumthani, Thailand.

VIII. IMPLEMENTATION AND COORDINATION OF QA/QC ACTIVITIES

EANET Inter-Laboratory Comparison Projects

38. The NC finalized and published the inter-laboratory comparison reports on the 9th inter-laboratory comparison project on wet deposition, the 2nd inter-laboratory comparison project on dry deposition (filter pack method), the 8th inter-laboratory comparison project on soil and the 7th inter-laboratory comparison project on artificial surface water, which were all conducted in 2006, and distributed the report to the participating laboratories in January 2008.

39. NC distributed samples of the 10th inter-laboratory comparison project on wet deposition, the 9th inter-laboratory comparison project on soil, the 8th inter-laboratory comparison project on artificial surface water and the 3rd inter-laboratory comparison project on dry deposition (filter pack method) to the participating countries in November 2007. Most of the participating countries have submitted their results and the NC is in the process of evaluating the data received.
40. Several national centers and EANET laboratories in Japan, Philippines, Russia, Thailand and Viet Nam also took part in the international inter-comparison 2007 organized by the Convention on Long-range Transboundary Air Pollution (CLRTAP) International Cooperative Programme on Assessment and Monitoring of Acidification in Rivers and Lakes (ICP-Waters). NC also promoted participation of EANET laboratories in the EMEP 25th inter-laboratory comparison on artificial rain water.

IX. IMPLEMENTATION OF TRAINING ACTIVITIES

41. Several training activities were held after IG9. Some were based on the requests from the participating countries while in some cases the NC collaborated with the Japan International Cooperation Agency (JICA) to hold a training course on acid deposition for participants from EANET. The training activities implemented were in accordance with the “Training Programs for EANET in the Regular Phase” endorsed at the Third Session of the Intergovernmental Meeting (IG3) in November 2001.

JICA Area Focused Training Course on EANET

42. The “JICA Area Focused Training Course on EANET” in JFY 2007 was held from 10 October through 16 December 2007 in Kobe and some other places in Japan. Ten trainees from ten EANET participating countries, namely Cambodia, China, Indonesia, Lao P.D.R., Malaysia, Mongolia, Myanmar, Philippines, Thailand and Viet Nam attended this course. Several lectures were delivered by NC staffs. During the visit of JICA trainees to Niigata, NC also presented lectures and demonstrated practices on acid deposition monitoring of EANET.
43. NC maintained close communication with the organizers of the JICA training course on the curriculum by attending the meetings of the steering committee and briefing them on EANET activities regularly. The training course in JFY 2008 will be carried out from October to December 2008 in Kobe, Japan. Participants from Cambodia, China, Lao PDR and Myanmar have been selected.

JICA Third Country Training Course

44. JICA Third Country Training Course on “Control Strategy and Mitigation Measures of Acid

Deposition” was held in Thailand from 14 January through 1 February 2008. This is the first year of Phase II of the training course. (Phase I of this course was implemented in 2004-2007.) NC dispatched an expert to Thailand as one of the lecturers of the training course. There were 22 trainees from 8 EANET countries, namely Cambodia, China, Lao PDR, Malaysia, Mongolia, Myanmar, Thailand and Viet Nam. The participants informed that they had acquired useful knowledge and information on acid deposition problems and development of appropriate mitigation measures and control strategy for abatement of acid deposition in the region.

EANET Individual Training at ADORC

45. The individual training at NC had been implemented taking into account specific situations in the participating countries. One trainee each from Cambodia, China, Lao PDR, Myanmar and Viet Nam were invited to ADORC from 12 February through 6 March 2008 to receive individual training on wet deposition monitoring, dry deposition, soil/vegetation monitoring, inland aquatic environment monitoring, and data management including instruction on how to use the laboratory instruments.

X. RESEARCH ACTIVITIES

46. The research activities of EANET are important to evaluate the environmental impacts of acid deposition on the region’s diverse ecosystem, to improve the monitoring methodologies, and develop analytical methods suitable for East Asia. NC performed research activities with consideration of the regional characteristics.

EANET Research Fellowship Program 2007

47. Due to the strong interest from member countries, NC agreed to continue the EANET research fellowship program in 2007. However, as the Secretariat did not have the budget to support the fellowship program in 2007, this activity was carried out using additional funds directly contributed by the government of Japan to the NC (ref. paragraph 4).
48. In response to the invitation letter sent by NC to NFPs and SAC members on 22 June 2007, the NC received 5 applications from 5 countries namely Cambodia, China, Myanmar, Philippines and Vietnam. Based on the procedures of the fellowship research program, the Selection Committee of NC considered the proposed research plans submitted by the applicants and decided to invite the researchers from China and Viet Nam to conduct their research in ADORC for two months from the end of January to end of March 2008. The titles of their researches were “Comparison of Air Pollution and Acid Deposition between Two Mega-Cities” and “Assessment of Ozone and Other Gaseous Concentrations in East Asia” respectively. The researchers submitted scientific reports on mentioned themes after completing their research.

49. NC has sent a letter of "Announcement on application of the Research Fellowship of the Network Center in 2008" to NFPs and SAC members on 4 June 2008. As in previous years, two researchers will be selected to carry out research for two months in 2008.

Joint research project with Russia

50. The joint research project Phase 3 with the Limnological Institute, Russian Academy of Science, Siberian Branch (RAS/SB) was started since 2002. Annual acid deposition as well as heavy metals (mercury and lead) and lead isotope ratio in rain and snow have been determined at four sites in East Siberia and Primorsky Region in Russia. The methodologies on data analysis used in the project for the acid deposition data were expected to be useful for evaluation of EANET monitoring data. The monitoring data were important to evaluate long-range transportation of air pollutants from Europe and industrial regions of Russia to East Asia.

Joint research project on dry deposition monitoring with Thailand

51. The Joint Research Project on dry monitoring was carried out by NC and Pollution Control Department (PCD), Thailand focusing on QA/QC of gas concentration monitoring method in tropical region. Under Phase II of the Joint Research Project, measurement of gas concentrations by several types of monitoring methods has been carried out at Bangkok EANET monitoring site in order to evaluate the difference of gas concentrations among some different types of monitoring methods (automatic monitor, filter-pack method, and passive sampling method) in tropical region in East Asia.

Joint research project on catchment analysis with Thailand and Malaysia

52. NC has implemented the joint research project on catchment analysis in Thailand with the Royal Forest Department (RFD) and Environmental Research and Training Center (ERTC) by using funds from the Global Environment Research Fund of the Ministry of the Environment, Japan. Monitoring on input (deposition) and output (stream water) fluxes in/from a small catchment area, and analyses on other biogeochemical aspects was carried out continuously, and nutrient dynamics and acid deposition impacts in the area would be estimated. In addition to Thailand, a new project with the Malaysian Meteorological Department (MMD) has just started in 2008 in the EANET monitoring site in Danum Valley which is also a site under the Global Atmosphere Watch (GAW) Program of the World Meteorological Organization (WMO). Passive samplers for NO₂, SO₂, NH₃, NO_x, and O₃ were installed at the GAW station for a comparison study. Chemical analysis of the stream water has also started in a small catchment near the EANET site. Outcomes of this project will be informative to evaluate impacts of acid deposition on terrestrial ecosystems in tropical region including Thailand and Malaysia as well as other regions in East Asia.

Joint research project on aerosol monitoring with Republic of Korea

53. In the discussion at SAC4 for the improvement of dry deposition monitoring methodologies, it was suggested that a study on PM10, PM2.5 and their components at special sites should be considered. In line with the suggestion of SAC4, the project on aerosol monitoring was planned as a joint research between National Institute of Environmental Research (NIER), Ministry of the Environment, Republic of Korea and NC. Based on the discussion between NIER and NC at the workshop during NC technical mission in 2007, intensive monitoring was conducted at Cheju in Korea and ADORC, Niigata in Japan during the period from 16 through 31 April 2007. Parallel measurements of aerosol were carried out using 4 kinds of method (Andersen sampler was also used at ADORC for reference). In order to evaluate aerosol sampling methodology and PM2.5 behavior in Japan and R. of Korea a workshop was held in February 2008 in NIER, R. of Korea during NC mission in February 2008. The future plan was also discussed in the workshop.

Other research activities

54. Catchment analysis is one of the issues described in the Strategy Paper for Future Direction of Soil and Vegetation Monitoring of EANET. For obtaining basic data on this issue, research activities have been implemented in a small catchment area in Shibata City, Niigata Prefecture, Japan. The data will be informative for development of guidelines or manual on catchment monitoring as well as implementation of the joint research project on catchment analysis with Thailand and Malaysia.

XI. BUILDING PUBLIC AWARENESS

Joint Public Awareness Project with Myanmar

55. In 2007, NC supported an in-country public awareness workshop held in Yangon, Myanmar in December 2007. About 30 people attended the “Workshop on Dissemination of Public Awareness Brochure on Acid Deposition”. NC experts disseminated information on acid deposition and air pollution issues and EANET activities. (Ref.: Annex 2.)

Joint Project on Environmental Education Activities with Thailand

56. NC undertook a joint project with Thailand to support their environmental education activities on acid deposition in schools. School children from one school in Bangkok and two elementary schools in Niigata Prefecture participated in measurements of the concentration of nitrogen oxides and dust around their schools and experiments involving measurement of rainwater pH, dissolution of seashell and other objects in rainwater, and growing spouts. The results of the project were reported during the Workshop on Public Awareness for Acid Deposition Problems (Ref. paragraph 58-59).

Joint Project on Environmental Education Activities with China

57. NC will carry out a joint project with China to support the environmental education activities on acid deposition in schools of China and Japan in 2008. NC and China are considering the project plan based on the experience in the project mentioned above, and the results of the project will be reported through the Internet Conference.

EANET Workshop on Public Awareness for Acid Deposition Problems 2008

58. The Eighth Workshop on Public Awareness for Acid Deposition Problems was held in Bangkok, Thailand, on 22 and 23 January 2008, organized by NC in collaboration with the Niigata Prefectural Environment Conservation Corporation (NPECC), Japan and the Pollution Control Department (PCD), Thailand. The Workshop consisted of two parts, Part I and Part II. Part I consisted of an internet conference between schoolchildren from a school in Bangkok, Thailand and 2 schools in Niigata, Japan. Approximately 140 school children and teachers of Thailand and 40 participants and observers from EANET participating countries attended Part 1 of the workshop in Bangkok and approximately 170 school children, teachers and observers participated in the internet conference from Niigata, Japan.
59. In Part II, presentations on country experiences on public awareness and environment education were made by the participating countries. It was discussed how to promote environmental education more effectively. The possibility to carry out a similar environment education course with experiments in each participating country of EANET was also discussed.

e-Learning Program on EANET Website

60. NC continued to maintain the e-Learning program on acid deposition problems for environmental education which was developed in collaboration with Institute for Global Environmental Strategies (IGES) and issued on the EANET web site since March 2006.

XII. CHALLENGES/PROBLEMS/SOLUTIONS IN EANET IMPLEMENTATION

61. No serious problems have been encountered by the Secretariat and NC in the implementation of the activities of EANET during this period. The Secretariat and NC recognized that the participating countries are in consensus of a step-by-step approach regarding EANET activities and all countries have different situations and conditions.

Annex 1**Members and proposed meeting dates of Task Forces and Expert Groups under SAC**

Name	Members	Proposed meeting date and venue
Task Force on Dry Deposition Monitoring	Dr. Cho Seog-Yeon (R. of Korea) - Chair Mr. Thiv Sophearith (Cambodia) Mr. Chin Chamroeun (Cambodia) Dr. Emil Budianto (Indonesia) Dr. Hajime Akimoto (Japan) Mr. Lim Sze Fook (Malaysia) Ms. Bulgan Tumendemberel (Mongolia) Ms. Lerma L. Dimayuga (Philippines) Mr. Cesar S. Siador, Jr. (Philippines) Dr. Tamara V. Khodzher (Russia) Dr. Pojanie Khummongkol (Thailand) Mr. Nguyen Van Tien (Viet Nam)	Back to back with SAC8 in Hanoi, Viet Nam (14 October 2008)
Task Force on Soil and Vegetation Monitoring	Dr. Wilfredo M. Carandang (Philippines) - Chair Mr. Liu Fang (China) Dr. Tomoyuki Hakamata (Japan) Dr. Nik Abdul Majid (Malaysia) Dr. Apolonio M. Ocampo (Philippines) Ms. Hoe-Jung Noh (Republic of Korea) Dr. Tatiana A. Mikhailova (Russia) Dr. Jesada Luangjame (Thailand) Dr. Hiroyuki Sase (ADORC)	6-7 August 2008 in Niigata, Japan
Task Force on Monitoring Instrumentation	Prof. Wang Ruibin (China) - Chair Mr. Chhek Roth (Cambodia) Mr. Zheng Haohao (China) Ms. Novy Farhani (Indonesia) Dr. Hiroaki Yago (Japan) Ms. Setouvanh Phanthavongsa (Lao PDR) Ms. Siniarovina Urban/Ms. Wong Fook Lian (Malaysia) Mr. Barkhasragchaa Baldorj (Mongolia) Ms. Htwe Htwe Win (Myanmar) Engr. Arturo Bongco/Engr. Robert Co (Philippines) Dr. Han Jin Seok (Republic of Korea) Dr. Sergey Paramonov (Russia) Ms. Wassana Toruksa (Thailand) Mr. Tran Son (Viet Nam)	26 August 2008 in Niigata, Japan (Back to back with STM9)

Name	Members	Proposed meeting date and venue
Task Force on Research Coordination	Dr. Sergey Gromov (Russia) - Chair Prof. Wang Ruibin (China) Dr. Hajime Akimoto (Japan) Dr. Hiroshi Hara (Japan) Prof. Katsunori Suzuki (Japan) Dr. Elizabeth Phillip (Malaysia) Dr. Cho Seog-Yeon (R. of Korea) Dr. Wilfredo M. Carandang (Philippines) Dr. Tamara Khodzher (Russia) Dr. Pojanie Khummongkol (Thailand) Dr. Duong Hong Son (Viet Nam) Dr. Hiromasa Ueda (ADORC)	25-26 June 2008 in Niigata, Japan
Expert Group on dry deposition flux estimation	Dr. Pojanie Khummongkol (Thailand) - Chair Dr. Kazuhide Matsuda (Japan) Dr. Kentaro Hayashi (Japan) Dr. Akira Takahashi (Japan) Dr. Hong You-Deog (R. of Korea) Dr. Hiromasa Ueda (ADORC)	23-24 June 2008 in Niigata, Japan
Expert Group on Preparation of Second Periodic Report on the State of Acid Deposition in East Asia	Dr. Hiromasa Ueda (ADORC) - Chair Prof. Wang Ruibin (China) Dr. Wilfredo M. Carandang (Philippines) Dr. Sergey Gromov (Russia) Dr. Duong Hong Son (Viet Nam) Ms. Adelaida B. Roman (Secretariat)	During SAC8 meeting in Hanoi, Viet Nam (16 October 2008)
Expert Group on Revision of Technical Manual on Wet Deposition Monitoring	Dr. Hiroshi Hara (Japan) - Chair Dr. Tsuyoshi Ohizumi (Japan) Mr. Izumi Noguchi (Japan) Ms. Bulgan Tumendemberel (Mongolia) Dr. Ahn Jun-Young (R. of Korea) Dr. Hathairatana Garivait (Thailand) Dr. Dave Mactavish (WMO/Canada) Ms. Leong Chow Peng (ADORC)	2-3 October 2008 in Tokyo, Japan
Expert Group on Revision of Technical Manual on Inland Aquatic Environment Monitoring	Dr. Tamara Khodzher (Russia) - Chair Dr. Senichi Ebise (Japan) Dr. Haruo Fukuhara (Japan) Dr. Vu Van Tuan (Viet Nam) Dr. Hiroyuki Sase (ADORC)	26-27 June 2008 in Niigata, Japan

Annex 2**Summary of Technical Missions of NC since IG9**

Country	Duration	Major Activities/Outcomes of the Mission
Cambodia	5–7 December 2007	The mission confirmed that IC systems in Cambodia installed by using EANET Secretariat savings in 2006 have been operated without any problems. And the mission provided some consumables and apparatus for IC operation during the mission. The mission agreed to recommend DG to support filter-pack monitoring kit to Cambodia ASAP.
Lao P.D.R.	9–12 December 2007	The mission confirmed that IC systems in Lao PDR installed by using EANET Secretariat savings in 2006 have been operated without any problems. And the mission provided some consumables and apparatus for IC operation after the mission. The mission agreed to recommend DG to support filter-pack monitoring kit to Lao PDR ASAP.
Thailand	16–21 December 2007	The mission and Thai side agreed that outcomes of the project on the catchment study should be shared among the EANET participating countries. The outcomes of the project will be reported at the next session of the Scientific Advisory Committee. It was announced that development of a simulation modeling on the catchment scale would be a main target.
China	17–21 December 2007	The mission confirmed that dry deposition monitoring was conducted in the site of Xiamen with a filter-pack sampler since May 2007 and the filter-pack sampler moves properly (Flow rate is 1 L/min). And SO ₂ concentration of the filter pack and a gas monitor has been compared by Xiamen City. The mission suggested Xiamen Environmental Monitoring Center to assemble the filter-pack holder correctly.
Myanmar	18–22 December 2007	At the “Workshop on Dissemination of Public Awareness Brochure on Acid Deposition”, 30 people have attended. The mission disseminated information on acid deposition issues and EANET activities. Regarding installation of equipment, the mission was informed that JICA might offer some equipment to DMH as one of the following-up activities of JICA.
Malaysia	4–10 January 2008	The mission confirmed that monitoring activities have been managed very well by MMD and DOC in cooperation with MNRE, NFPs. The mission visited the candidate study site for the joint research project on the catchment analysis, Danum Valley Conservation Area, and discussed the detailed plan.
Philippines	14–18 January 2008	The mission discussed flagged concentrations of Inter-lab project in 2006 with EMB. As for NH ₄ ⁺ , the mission advised that it could be easy for them to use IC rather than spectrophotometer to solve this problem. The mission provided some consumables for wet/dry deposition monitoring.
Viet Nam	17–21 March 2008	The mission confirmed that the “Master plan of the monitoring network of Viet Nam up to 2020” was approved by the Prime Minister. It includes the monitoring network of VEPA and NCHM.
Republic of Korea	18–20 March 2008	In the Workshop on Joint Research Project, the results of NIER and ADORC were introduced. The results of the monitoring at Niigata showed close values among four kinds of methods. Future plan of the project was also discussed.

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

FINANCIAL REPORT OF THE SECRETARIAT AND THE NETWORK CENTER IN 2007

I. INTRODUCTION

1. The Seventh Session of the Intergovernmental Meeting (IG7) endorsed the “Guidelines on Administrative and Financial Management for the Secretariat and the Network Center (EANET IG7/4)”. The “Financial Report of the Secretariat and the Network Center in 2007” was developed by the Secretariat and Network Center (NC) based on the format agreed upon for reporting the revenue and expenditures of the Secretariat and NC for each year. This document will be discussed at the Seventh Session of the Working Group on Future Development of EANET (WGFD7) in July 2008 in Thailand and the Eighth Session of the Scientific Advisory Committee (SAC8) to be held in October 2008 in Viet Nam before submission to the Tenth Session of the Intergovernmental Meeting (IG10) in November 2008 in Thailand, for final endorsement.

II. FINANCIAL REPORT OF THE SECRETARIAT

II-1 Use of Regular budget

2. This section presents the financial report of the Secretariat in 2007. The total budget of the Secretariat in 2007 was US \$ **329,814** and the total expenditures was US \$ **309,839**. The details are presented in Annex 1, Table 1.

3. The expenditures for the year 2007 using the regular budget were broken down into different items, such as: personnel costs, rental of premises (office space), operating cost (cost of meetings and DSA, reporting and publications, supplies, communication, cost of staff's travel) and overhead.

II-2 Use of the Savings

4. Regarding the implementation of the approved Proposal on the Possible Use of the Previous Savings, the Secretariat's expenses in 2007 was US \$57,568. Please refer to Annex 1, Table 2 for details of the expenses.

II-3 Contributions of the Participating Countries in 2007

5. This financial report also contains the cash-contributions from the participating countries of EANET in 2007 which include: Japan (\$ 300,000), Malaysia (\$2,646.20), Republic of Korea (\$23,598.20) and Thailand (\$ 2,744.00) as shown in Table 3 of Annex 1. There were also in-kind contributions provided to EANET by some participating countries, such as hosting of meetings in 2007, as described in Table 4, Annex 1.

III. FINANCIAL REPORT OF THE NETWORK CENTER (NC)

6. The total revenue of NC was spent for various activities of EANET without any balance as shown in Table 1 of Annex 2.

7. The revenue of NC in 2007 for core budget activities was US\$ 433,491 and for additional budget activities was US\$ 749,733. These revenues were derived from financial contributions from the Ministry of the Environment Japan, municipalities in Japan and other sources as shown in Table 2 of Annex 2. The NC also received additional revenue of US\$ 226,976 for some specific costs such as maintenance of ADORC building, financial support for NC activities and non-reimbursable personnel contribution (in-kind) from host municipalities in Japan, and US\$ 119,580 for other non-reimbursable personnel contribution (in-kind) from private companies in Japan as shown in Table 3 of Annex 2. The total revenue of the NC in 2007 is US\$ 1,529,780 as shown in Table 4 of Annex 2.

8. Actual expenditures of NC core and additional budget activities in 2007 are shown in Table 5 and 6 of Annex 2. The amounts of expenditures were US\$ 433,491 for the core budget activities and US\$ 749,733 for the additional budget activities. Table 7 shows a breakdown of the expenditures by categories such as salary of staff members, travel costs, meeting costs and so on.

9. Table 8 shows the expenditures of NC in 2007 for some specific costs such as maintenance of ADORC building, additional personnel cost and non-reimbursable personnel expenditure (in-kind) of host municipality staff amounting to US\$ 226,976.

10. NC expenditure for core and additional budget activities was US\$ 1,183,224. The total expenditure of NC in 2007 including the above mentioned specific cost amounting to US\$ 226,976 and other non-reimbursable personnel contribution (in-kind) amounting to US\$ 119,580 was US\$ 1,529,780 as shown in Table 9 of Annex 2.

Annex 1

Table 1- Financial Statement- Secretariat
Regular Budget (US dollars)
January –December 2007

Details	Budget 2007 (A)	Actual Expenditure (B)	Commit ment for 2007 (C)	Total Expenditure (D) = (B+C)
1. Personnel Costs (Salary, Social Security, Provident Fund, Tax, etc.)	113,370	80,811		80,811
2. Rental of premises (as per Contract)	30,000	30,000		30,000
3. Operating Costs	170,739	177,774		184,274
3.1 Reporting Costs	3,000	13,571		13,571
3.2 Office Supplies	1,000	607		607
3.3 Communication	2,000	12,833		12,833
- Telephone/Fax/Network		4,622		4,622
- Postage/DHL		8,210		8,210
3.4 Travel of Staff for meetings (Expenses include airfare and DSA)	8,000	7,074		7,074
3.5 Meetings (including, PTA, DSA, etc.)	156,739	143,689	6,500	150,189
-WGFD4		15,799		15,799
-WGFD5		30,291		30,291
-SAC7		59,082		59,082
-IG8		872		872
-IG9		38,632	6,500	45,132
-Air ticket refund SAC 6		(987)		(987)
Sub-total	314,109	288,585	6,500	295,085
4. Overhead (5% of sub-total)	15,705			14,754
TOTAL for regular activities (Sub-total + overhead)	329,814	288,585	6,500	309,839

**Table 2 - Financial Statement - Saving Money
EANET Secretariat
January- December 2007**

Details	Amount (USD)
1) Saving in 2002 and 2003	465,391
2) Total Expenses in 2004	39,530
3) Total Expenses in 2005	50,889
4) Total Expenses in 2006	158,799
4) Total Expenses in 2007	57,568
• Travel	(74)
• Meetings	
- Capacity Building Course on Future Development of EANET	37,774
- Air ticket refund for RSW/SW3	(993)
• Fellowship Programme in 2006	20,042
• Equipment *	819
4) BALANCE on SAVINGS	158,605

* Prior year adjustment

Table 3 - Financial Contributions of the Participating Countries in 2007

	Name of Country	Contribution in US \$
1.	Japan	300,000.00*
2.	Malaysia	2,646.20
3.	Republic of Korea	23,598.20
4	Thailand	2,744.00
	Total	328,988.40

* Japan contribution for 2007 was transferred only in March 2008.

Table 4 – In-kind Contributions of the Participating Countries in 2007
(Hosting of EANET meetings, etc.)

	Name of Country	Meeting	Date/Venue
1.	Indonesia	Seventh Senior Technical Managers' Meeting (STM8)	1-3 August 2007/Bogor
2.	Philippines	Seventh Session of the Scientific Advisory Committee (SAC7)	10-12 October/Manila
3.	Lao PDR	Ninth Session of the Intergovernmental Meeting (IG9)	19-20 November 2007/Vientiane

Annex 2

**FINANCIAL STATEMENT OF THE NETWORK CENTER
JANUARY - DECEMBER 2007**

Table 1. Balance between revenue and expenditures

Items	Total (US\$)
1. Total revenue	1,529,780
2. Actual expenditures	1,529,780
Balance	0

Table 2. Revenue of the Network Center in 2007 (for Core and Additional budget activities only)

Organizations / Activities	Fund Contribution (US\$)		
	Core Budget (US\$)	Additional Budget (US\$)	Total (US\$)
- Ministry of the Environment, Japan (Contract -1)	427,177	382,113	809,290
Core Budget Activities	427,177		427,177
Additional Budget Activities		382,113	382,113
- Ministry of the Environment, Japan (Contract -2)		143,449	143,449
4. Strengthening technical capacity in participating countries			
- Dispatch of technical missions		32,497	32,497
- Communication/coordination with donor agencies		5,904	5,904
7. Research activities			
- Modeling activities and emission inventories		77,907	77,907
- Fellowship		18,182	18,182
- Other research		8,959	8,959
- National Institute for Environmental Studies, etc.			
7. Research activities		154,399	154,399
- Research for improving monitoring methodologies (NIAES)		64,309	64,309
- Joint research with Russia (NIES)		79,181	79,181
- Modeling activities and emission inventories(NIES)		10,909	10,909
- Environmental Restoration and Conservation Agency of Japan		52,727	52,727
9. Other activities - Raising of public awareness on acid deposition problems		52,727	52,727
- AEON Environmental Fund		17,045	17,045
7. Research activities			
- Joint research with Thailand		17,045	17,045
- Niigata Prefecture	4,209		4,209
4. Strengthening technical capacity in participating countries			
- Fifth STM meeting	4,209		4,209
- Niigata City		2,105	2,105
4. Strengthening technical capacity in participating countries			
- Fifth STM meeting	2,105		2,105
Total	433,491	749,733	1,183,224

Note: The number of each activity is the same with the number described in the Attachment 2 of "Work Program and Budget in 2007 for EANET" (EANET/IG 8/11.rev 2).

Table 3. Additional Revenue of the Network Center in 2007

Organizations / Items	(US\$)
- Niigata Prefecture	
Maintenance of ADORC building cost	79,905
Financial support for NC activities	130,045
- Niigata City	
Non-reimbursable personnel contribution from Niigata City (in-kind)	17,026
Sub-Total	226,976
- Other non-reimbursable personnel contribution (in-kind)	119,580
Total	346,556

Note: Other non-reimbursable personnel contribution refers to personnel contribution from Environmental Science Research Niigata (ESRN), Joetsu Environmental Science Center (JOESC), HORIBA Ltd and SHIMADZU Corporation. These organizations voluntarily contributed to EANET activities.

Table 4. Total revenue of the Network Center in 2007

Items	Core Budget (US\$)	Add. Budget (US\$)	Total (US\$)
1. For NC core and additional budget activities	433,491	749,733	1,183,224
Sub-Total	433,491	749,733	1,183,224
2. Revenue from Niigata Prefecture and Niigata City (in-kind)			226,976
3. Other non-reimbursable personnel contribution (in-kind)			119,580
Total			1,529,780

Table 5. Expenditures of the Network Center in 2007 (Core budget activities)

Activities	Budget in 2007			Expenditures in 2007		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Central compilation, evaluation and storage of data etc.	20,000	41,400	61,400	23,509	30,818	54,327
- Data verification	17,000	39,400	56,400	22,205	27,854	50,059
- Maintenance of database	3,000	2,000	5,000	1,304	2,964	4,268
2. Preparation of data report	12,000	13,000	25,000	30,069	11,852	41,921
3. Dissemination of data and relevant information	10,000	12,000	22,000	5,485	8,889	14,374
- Analysis on the state of acid deposition in the region	8,000	4,000	12,000	4,181	5,926	10,107
- Development and updating of EANET website	2,000	8,000	10,000	1,304	2,963	4,267
4. Strengthening technical capacity in participating countries	65,000	25,000	90,000	81,359	17,778	99,137
- STM meeting	65,000	25,000	90,000	81,359	17,778	99,137
5. Implementation and coordination of QA/QC activities	31,000	30,000	61,000	25,882	26,668	52,550
- Inter-laboratory comparison surveys	29,000	20,000	49,000	19,485	20,742	40,227
- Individual questions and answers	2,000	10,000	12,000	6,397	5,926	12,323
6. Implementation of training activities	2,000	3,000	5,000	1,304	2,964	4,268
- Development of annual training program	2,000	3,000	5,000	1,304	2,964	4,268
7. Research activities	7,000	5,000	12,000	1,304	2,964	4,268
- Research for improving monitoring methodologies	7,000	5,000	12,000	1,304	2,964	4,268
8. Technical support to EANET meetings	73,000	50,200	123,200	71,850	50,371	122,221
- Preparation of technical documents	5,000	15,000	20,000	6,004	11,852	17,856
- Attendance at the EANET meetings	25,000	15,000	40,000	38,364	8,889	47,253
- Support for Task Forces on Dry Deposition Monitoring	13,000	5,000	18,000	7,442	8,889	16,331
- Support for Task Forces on Soil and Vegetation	13,000	6,200	19,200	14,826	8,889	23,715
- Management of the network on soil/vegetation specialists	2,000	4,000	6,000	1,304	2,963	4,267
- Other follow-up activities of the meetings	15,000	5,000	20,000	3,910	8,889	12,799
9. Administrative works	5,000	27,400	32,400	13,758	26,667	40,425
- Communication/coordination	2,000	8,400	10,400	7,242	11,852	19,094
- Management of budget and personnel	2,000	6,000	8,000	3,909	8,889	12,798
- Miscellaneous	1,000	13,000	14,000	2,607	5,926	8,533
Total	225,000	207,000	432,000	254,520	178,971	433,491

Table 6. Expenditures of the Network Center in 2007 (Additional budget activities)

Activities	Budget in 2007			Expenditures in 2007		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Strengthening technical capacity in participating countries	71,000	46,000	117,000	56,739	31,084	87,823
- Dispatch of technical missions	35,000	15,000	50,000	40,169	8,881	49,050
- Assistance and technical support to individual countries	32,000	30,000	62,000	12,206	20,723	32,929
- Communication/coordination with donor agencies	4,000	1,000	5,000	4,364	1,480	5,844
2. Implementation of training activities	52,500	67,500	120,000	45,835	51,806	97,641
- Development of training materials, technical documents	14,000	16,000	30,000	11,868	14,802	26,670
- Assistance for national training activities	10,000	10,000	20,000	3,906	8,881	12,787
- Coordination with and support to other training programs	7,500	7,500	15,000	6,091	11,841	17,932
- Individual training at NC	20,000	30,000	50,000	23,318	14,802	38,120
- Communication/coordination with donor agencies	1,000	4,000	5,000	652	1,480	2,132
3. Research activities	212,000	118,000	330,000	258,666	88,812	347,478
- Research for improving monitoring methodologies	58,000	51,000	109,000	100,131	29,604	129,735
- Fellowship	13,000	7,000	20,000	26,057	2,960	29,017
- Joint research with Russia	31,000	13,000	44,000	42,533	5,920	48,453
- Joint research with Thailand	16,000	10,000	26,000	22,602	17,763	40,365
- Modeling activities and emission inventories	90,000	35,000	125,000	61,464	29,605	91,069
- Other research	4,000	2,000	6,000	5,879	2,960	8,839
4. Technical support to EANET meetings	3,000	3,000	6,000	1,302	2,961	4,263
- Support for Task Forces on Soil and Vegetation	3,000	3,000	6,000	1,302	2,961	4,263
5. Other activities	41,500	42,500	84,000	75,193	20,723	95,916
- Raising of public awareness on acid deposition problems	41,500	42,500	84,000	75,193	20,723	95,916
6. Administrative works	5,000	59,000	64,000	56,217	60,395	116,612
- Communication/coordination	2,000	26,000	28,000	25,096	30,789	55,885
- Management of budget and personnel	2,000	24,000	26,000	12,522	26,645	39,167
- Miscellaneous	1,000	9,000	10,000	18,599	2,961	21,560
Total	385,000	336,000	721,000	493,952	255,781	749,733

Table 7. Budget and Expenditures of the Network Center in 2007 (by item)

I t e m s	Budget (US\$)			Expenditures (US\$)		
	Core	Additional	Total	Core	Additional	Total
- Salary of staff members	207,000	336,000	543,000	178,974	255,785	434,759
- External consultantsassistants	9,000	99,500	108,500	30,141	78,212	108,353
- Travel costs	41,500	89,000	130,500	14,427	161,973	176,400
- Meetings	107,000	31,000	138,000	114,664	57,170	171,834
- Communication	21,000	38,000	59,000	7,889	16,671	24,560
- Reporting (publication)	11,000	23,000	34,000	12,288	15,634	27,922
- Equipment	15,000	23,000	38,000	54,717	78,200	132,917
- Consumables	15,500	76,500	92,000	15,206	78,678	93,884
- Miscellaneous	5,000	5,000	10,000	5,185	7,410	12,595
(Sub) Total	432,000	721,000	1,153,000	433,491	749,733	1,183,224

Note: Revenue of the year balances with the expenditures of the year.

Table 8. Expenditures of the Network Center in 2007 (for some specific costs, e.g. maintenance of ADORC building)

Organizations / Items	(US\$)
- Maintenance of ADORC building cost	79,905
- Additional personnel cost	130,045
- Non-reimbursable personnel expenditure from Niigata City (in-kind)	17,026
Sub-Total	226,976
Other non-reimbursable personnel expenditure (in-kind)	119,580
Total	346,556

Note: Other non-reimbursable personnel expenditures were for staff members from Japanese private companies.

Table 9. Total expenditures of the Network Center in 2007

Items	Core (US\$)	Add. (US\$)	Total (US\$)
1. NC core and additional budget activities	433,491	749,733	1,183,224
Sub-Total	433,491	749,733	1,183,224
2. Maintenance of ADORC building, support for NC activities and non-reimbursable personnel expenditure from Niigata City (in-kind)			226,976
3. Other non-reimbursable personnel expenditures (in-kind)			119,580
Total			1,529,780

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

DRAFT REPORT ON THE REVIEW OF PERFORMANCE OF THE SECRETARIAT (2005-2007)

I. INTRODUCTION

1. During the Fifth Session of the Intergovernmental Meeting (IG5) in 2003, the participating countries supported the proposal to establish a new Working Group (WG). It decided that the TOR of new WG should include review of performance of the Secretariat and Network Center (NC). The Report on the Review of Performance of the Secretariat and NC for the period 2002-2004 was adopted at the Seventh Session of the Intergovernmental Meeting of EANET in November 2005.

2. Another new Terms of Reference of the Working on Future Development (WGFD) of Acid Deposition Monitoring Network in East Asia (EANET) for 2007-2008 was adopted at the Eighth Session of the Intergovernmental Meeting (IG8) in November 2006. As in the new TOR, the WGFD will review the performance of the Secretariat and NC during the year 2005-2007, including financial aspect, for future development of EANET and submit the review report to Tenth Session of the Intergovernmental Meeting (IG10) in 2008.

II. RELEVANT PREVIOUS DISCUSSIONS REGARDING THE SECRETARIAT

3. The Third Session of the Intergovernmental Meeting (IG3) held in Chiang Mai, Thailand in November 2001, decided on the establishment of the Secretariat for EANET using the United Nations Environment Programme, Regional Resource Center for Asia and the Pacific/Asian Institute of Technology (UNEP RRC.AP/AIT) system/option. The meeting agreed to review the system in the future.

4. The Framework on the establishment of the Secretariat of EANET was signed in 2002 by the Chairperson of the Intergovernmental Meeting and the Executive Director of UNEP. EANET, have on the basis of non-legally binding framework, reached the following understanding:

- UNEP will fulfill the Secretariat function under the guidance of the IG on EANET and in line with the work programmes adopted by the IG;
- The Secretariat will be housed in the office of UNEP RRC.AP, supported by UNEP, Regional Office for Asia and the Pacific (ROAP);
- UNEP will closely cooperate with the United Nations Economic and Social Commission for Asia and the Pacific in implementing the activities of the Secretariat;
- The accounts of EANET will be handled separately from other accounts of UNEP, under the

guidance of the Intergovernmental Meeting (IG);

- The nationals of the participating countries of EANET will receive preference in the recruitment of the professional staff of the Secretariat; and
- A senior official representing EANET will be invited to the Policy Advisory Committee for UNEP RRC.AP.

5. The Sixth Session of the Intergovernmental Meeting (IG6) in Cambodia (2004), decided to continue the same structure, RRC.AP/AIT system. However, there is a description in the document of IG6, “Review of the Status of the Secretariat (EANET/IG6/11)” that the Intergovernmental Meeting (IG) may wish to decide to continue the same structure in the remaining years until such time that the EANET Secretariat will be transferred to the full United Nations (UN) system.

6. Since 2002-2006, the Secretariat was operational with three staff, Dr. Jiang Wei, Coordinator; Ms. Adelaida B. Roman, Programme Officer and Ms. Sumana Ratanasawetwad, Administrative Assistant. In the formal and informal discussion with the IG members, it was requested to ensure that priority of appointment on the staff of the Secretariat be given to participating countries of EANET. Opportunities for other members of the participating countries to serve on EANET have also been expressed. Dr. Jiang Wei was recalled by the government of China after 3 years of serving in EANET.

7. The IG6 discussed and approved that the position of the professional staff of the Secretariat will be for a period of two years with a provision for a maximum period of two terms. However, this provision has also an exemption depending on the potential of applicants to fulfill the requirements.

8. The Tentative Design of EANET was approved by the Second Session of the Intergovernmental Meeting (IG2) in 2000. The Secretariat, designated by the IG, for the effective management of the Network and to facilitate cooperation among participating countries in a transparent manner, will carry out the following tasks under the guidance of the IG:

- make necessary arrangement for the sessions of IG, the Scientific Advisory Committee (SAC) and other subsidiary bodies;
- necessary administrative and financial arrangement for managing the Network;
- communication and cooperation in administrative aspects as the focal point of the Network; and
- other necessary tasks as requested by the IG.

III. PERFORMANCE REVIEW OF THE SECRETARIAT ACTIVITIES (2005-2007)

9. The performance review of the Secretariat is based on the Tentative Design of EANET, activities of Secretariat as indicated on the Strategy on EANET Development (2006-2010) and the Work Program and Budget of each calendar year, 2005-2007.

10. The following table on performance review contains major points which include the goal, activities, results /outputs and implementation period and remarks;

Goal 1: To make necessary arrangement for the sessions of IG, the Scientific Advisory Committee SAC) and other subsidiary bodies.

<i>Activities</i>	<i>Results/Outputs</i>	<i>Implementation period and remarks</i>
Preparation and coordination of meeting documents, communication with the host country, logistic services such as preparation for conference facilities, etc.	Reports of the Sessions,	2005: IG7, SAC5, Second Session of the Working Group on Future Development of EANET (WGFD2), First Special Session of Working Group on Future Development of EANET (WGFDS1) 2006: IG8, SAC6, WGFD3, WGFDS2 2007: IG9, SAC7, WGFD4, WGFDS5
Publications of Proceedings and Summaries of the meetings were completed and distributed to the participating countries and participants of the sessions.	Summary and Proceedings	All meetings held in 2004-2006 and some in 2007

Goal 2: To carry out the necessary administrative and financial arrangement for managing the Network.

<i>Activities</i>	<i>Results/Outputs</i>	<i>Implementation period and remarks</i>
Contracting with Ministry of Environment of Japan, for voluntary contribution to Secretariat and NC budget for 2004, 2005 and 2006 budget.	- Contracts signed and voluntary contributions received. - Annual Progress Report including Financial Report for EANET in 2004, 2005, 2006 were submitted to MOEJ	March 2005, March 2006 and March 2007
Japan Environmental Sanitation Center (JESC) and the UNEP RRC.AP signed Agreements for the transfer of budget for the implementation of NC core and additional budget activities in 2004, 2005 and 2006 as well as for the	Transfer of voluntary contributions to NC	March 2005, March 2006 and March 2007

<i>Activities</i>	<i>Results/Outputs</i>	<i>Implementation period and remarks</i>
fellowship program for 2005-2006.		
The Secretariat made acknowledgement on contributions from other participating countries which include China, Malaysia, Republic of Korea and Thailand.	Voluntary Contributions received	China (2002-2006), Malaysia (2006-2007), Republic of Korea (2005-2007), and Thailand (2005-2007).
A Sales Contract was executed between UNEP, RRCAP and the Archemica International Co. Ltd. For the procurement and complete installation of the Dionex Ion Chromatography System for Cambodia and Lao PDR, using the saving money of the Secretariat as decided by IG6	Ion Chromatography System for Cambodia and Lao PDR	2006
Facilitated the recruitment of new Coordinator	Coordinator	October 2007

Goal 3: To maintain communication and cooperation in administrative aspects as the focal point of the Network

<i>Activities</i>	<i>Results/Outputs</i>	<i>Implementation period and remarks</i>
The Secretariat communicated with the National Focal Points (NFPs) regarding updating and changes on institutional bodies of EANET in their respective countries, e.g. NFPs, Scientific Advisory Committee (SAC) members, etc.	EANET website was updated in collaboration with NC.	2005-2007
The Secretariat maintained close communication with the participating countries in all related activities of EANET.	correspondence	2005-2007
Sent letter-request for voluntary contribution to all NFPs regarding the Secretariat budget in 2008 and NC core budget in 2008 as decided by the IG9.	letter request on contributions	December 2007
Promoted further communication and cooperation with relevant	Cooperation on related projects	2005-2007

<i>Activities</i>	<i>Results/Outputs</i>	<i>Implementation period and remarks</i>
organizations and programs related to acid deposition such as United Nations Economic Commission for Europe (UNECE), Asian Development Bank (ADB), United Nations Environment Programme, UNEP, etc		

Goal 4: To perform other necessary tasks as requested by the IG.

<i>Activities</i>	<i>Results/Outputs</i>	<i>Implementation period and remarks</i>
The Secretariat prepared the Draft Report for Policy Makers and the Draft Report on Feasibility Study on an Appropriate Instrument to Provide a Sound Basis for Financial Contribution on EANET as decided by IG6 in collaboration with NC.	Report for Policy Makers and Feasibility Study	November 2005
Conducted the Review Workshop on the Report for Policy Makers	Review workshop	October 2005
Developed and published the EANET Newsletters in collaboration with NC.	EANET Newsletters	July 2007 and December 2007
Implemented national workshops on public awareness in 3 EANET participating countries (Philippines, Cambodia and Lao PDR)	3 National workshops	2006
Implemented the Regional Scientific Workshop on Air Pollution and acid Deposition (RSW) and collaborated with Russia on Joint EANET-EMEP Regional Workshop “Integrated Modeling and Monitoring Approach for the Assessment of Long-range Transboundary Atmospheric Pollution Transport in the EANET Region”	Regional workshops	RSW in 2006 and Joint EANET- EMEP workshop in 2005
The Secretariat and NC developed the Strategy on EANET Development (2006-2010)	Strategy on EANET Development (2006-2010)	2006

IV. REVIEW OF THE FINANCIAL STATEMENT OF SECRETARIAT FOR 2005-2007

11. This section presents the summary of the financial report of the Secretariat in 2005-2007. The Secretariat budget were spent for the activities of the Secretariat, e.g. holding of EANET meetings, development of public awareness materials, publications of proceedings, personnel cost, rental of office and communication with the participating countries and NC, etc. The Secretariat budget was voluntary contributed by some participating countries of EANET. The expenses of the Secretariat were incurred from the regular budget and the saving money of the Secretariat. The details are presented in Attachment 1.

12. Below table highlighted the details per year on the contribution and expenses by the Secretariat for the period 2005-2007.

*China's contribution for 2002-2005

** Japan contribution for 2007 budget was received only in 2008, thus the cash balance (\$62,246) by December 2007 was less than the current balance figure.

Attachment 1

Table 1 - Performance Review of the Secretariat activities in 2005

Planned Activities	<u>Proposed Budget in 2005 (US \$)</u>	Performed Activities	Expenditures in 2005 (US \$)
1. Perform function Secretariat	95,000	- Made administrative and financial arrangement for EANET; - Contracted with Ministry of Environment, Japan and NC for the budget in 2004; - Collaborated with NC in EANET activities - Prepared meeting documents; and performed secretariat functions.	93,695
2. Maintain office of the Secretariat (Rental of premises)	30,000	Made rental of premises in the AIT Outreach Bldg. as office of the Secretariat.	30,000
3. Preparation of proceedings and reporting	8,000	Prepared proceedings and summaries of WGFD1, SAC4 and IG6	6,157
4. Purchase office supplies	4,000	Purchased office supplies.	1,624
5. Communication with participating countries, NC and other relevant organizations	5,000	Communicated with participating countries, NC and other relevant organizations.	5,267
6. Participation of EANET staff to meetings/ workshops.	20,000	The staff participated in Public Awareness Workshop in Japan STM6 in Vietnam, SAC5 in Japan and IG7 in Japan and regional workshop	28,351
7. Make arrangement for Meetings	115000	Made necessary arrangement for WGFD2, SAC5 and IG7	108,078
- WGFD2	30,000	- Expenses include PTA tickets, DSA, logistic services, conference venue, etc.	25,894
- SAC5 - IG7	45,000 40,000	- Expenses include PTA tickets, DSA, logistic services, venue, etc.	46,887 35,297
Miscellaneous			
Overhead (5%)	13,850		13,658.60
Total	290,850		286,830.60

Table 1A- Financial Statement – Saving Money

January - December 2005

Descriptions	Actual Expenditures (USD)
Expenditures	
Consultant	5,000.00
Consultant: Travel reimbursement	4,444.00
Joint EANET-EMEP Seminar (Russia)	30,000.00
Review Workshop 18-19 Oct 2005, AIT	11,445.00
Total Expenditures	50,889.00

Table 2 - Performance Review of the Secretariat activities in 2006

Planned Activities	Proposed Budget in 2006 (US \$)	Performed Activities	Expenditures in 2006 (US \$)
1. Perform function Secretariat	103,065	- Made administrative and financial arrangement for EANET; - Contracted with Ministry of Environment, Japan and NC for the budget in 2005; - Collaborated with NC in EANET activities - Prepared meeting documents; and performed secretariat functions.	79,722
2. Maintain office of the Secretariat (Rental of premises)	30,000	Made rental of premises in the AIT Outreach Bldg. as office of the Secretariat.	30,000
3. Preparation of proceedings and reporting	4,000	Prepared proceedings and summaries of WGFD2, , SAC5 and IG7	4,626
4. Purchase office supplies	1,000	Purchased office supplies.	836
5. Communication with participating countries, NC and other relevant organizations	2,000	Communicated with participating countries, NC and other relevant organizations. Mailing of proceeding and summaries, telephone, etc.	14,724
6. Participation of EANET staff to meetings/ workshops.	6,200	The staff participated in Public Awareness Workshop and STM7 Myanmar, IG8 in Vietnam,	5,402
7. Make arrangement for Meetings		Made necessary arrangement for WGFD3, WGFDS2, SAC6 and IG8	

Planned Activities	<u>Proposed Budget in 2006</u> (US \$)	Performed Activities	Expenditures in 2006 (US \$)
- Third Session of the Working Group on Future Development of EANET (WGFD3)	26,626	- Expenses include PTA tickets, DSA, logistic services, conference venue, etc.	25,438
- SAC6 - IG8	31,290 50,769.4	- Expenses include PTA tickets, DSA, logistic services, venue, etc.	30,218 49,151
Other meeting cost		- Expenses include PTA tickets, DSA, logistic services, conference venue, etc.	9,888 (1,437)*
Miscellaneous			313
Overhead (5%)	12,747.52		12,444
Total	267,698		261,325

Note: *Air ticket refund for SAC4 and IG6

Table 2 A- Financial Statement Saving Money
EANET Secretariat
January- December 2006

Details	Amount (USD)
1) Saving in 2002 and 2003	465,391
2) Total Expenses in 2004	39,530
2) Total Expenses in 2005	50,889
3) Total Expenses in 2006	151,776
• Travel	1,758
• Meetings	
- National Workshop - Cambodia, Philippines, Lao PDR	16,411
- Scientific Workshop (RSW/SWS3)	18,648
• Consultant fee (Dr. Biswas)	5,028
• Fellowship Programme	20,037
• Reporting (RPM)	2,371
• Equipment *	87,523
4) BALANCE on SAVINGS	223,196

* Commitment of 2006

Table 3 - Performance Review of the Secretariat activities in 2007

Planned Activities	<u>Proposed Budget in 2007 (US \$)</u>	Performed Activities	Expenditures in 2007 (US \$)
1. Perform function Secretariat	113,370	- Made administrative and financial arrangement for EANET; - Contracted with Ministry of Environment, Japan and NC for the budget in 2006; - Collaborated with NC in EANET activities - Prepared meeting documents; and performed secretariat functions.	80,811
2. Maintain office of the Secretariat (Rental of premises)	30,000	Made rental of premises in the AIT Outreach Bldg. as office of the Secretariat.	30,000
3. Preparation of proceedings and reporting	3,000	Prepared proceedings and summaries of WGFD4, WGFD5, SAC7 and IG9	13,571
4. Purchase office supplies	1,000	Purchased office supplies.	607
5. Communication with participating countries, NC and other relevant organizations	2,000	Communicated with participating countries, NC and other relevant organizations, postage, tel. etc.	12,833
6. Participation of EANET staff to meetings/ workshops.	8,000	The staff participated in Public Awareness Workshop in Japan STM8 in Indonesia, SAC7 in Philippines, IG9 in Lao PDR	7,074
7. Make arrangement for Meetings	156,739	Made necessary arrangement for WGFD4, WGFD5, SAC7 and IG9	150,189
- WGFD4 and WGFD5	54,000	- Expenses include PTA tickets, DSA, logistic services, conference venue, etc.	46,090
- SAC7 - IG9 - Air ticket refund for SAC6	52,000 50,739	- Expenses include PTA tickets, DSA, logistic services, venue, etc.	59,082 46,004 (987)
Miscellaneous			
Overhead (5%)	15,705		14,754
Total	329,814		309,839

**Table 3A - Financial Statement - Saving Money
January to December 2007 (in USD)**

Details	Amount (USD)
1) Saving in 2002-2003	465,391
2) Total expenses in 2004	39,530
4) Total Expenses in 2005	50,889
5) Total expenses in 2006	158,799
6) Total expenses in 2007	57,568
• Travel	(74)
• Meetings	
- Capacity Building Course	37,774
- Air ticket refund for RSW	(993)
• Fellowship programme in 2006	20,042
• Equipment*	819
Balance on Saving	158,605

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

DRAFT REPORT ON THE REVIEW OF PERFORMANCE OF THE NETWORK CENTRE (2005-2007)

I. INTRODUCTION

1. The Fifth Session of the Intergovernmental Meeting (IG5) of the Acid Deposition Monitoring Network in East Asia (EANET) held in Pattaya, Thailand in November 2003 decided to include the review of performance of the Secretariat and the Network Center (NC) of EANET in the Terms of Reference of the Working Group on Future Development of EANET (WGFD).

2. The *Report on the Review of the Performance of the Secretariat and Network Center (2002-2004)* prepared by the Secretariat and NC was reviewed and adopted at the Seventh Session of the Intergovernmental Meeting (IG7) held in Niigata, Japan in November 2005.

3. The Eighth Session of the Intergovernmental Meeting (IG8) held in Hanoi, Vietnam in November 2006 decided to include the review of performance of the Secretariat and NC during the year 2005-2007 in the Terms of Reference of the Working Group on Future Development of EANET (WGFD) for 2007-2008.

4. This draft *Report on the Review of the Performance of the Secretariat and Network Center (2005-2007)* is prepared for review at the Seventh Session of the Working Group on Future Development (WGFD7). The revised report will be submitted for consideration and final adoption at the Tenth Session of the Intergovernmental Meeting (IG10). This draft report covers the activities of the NC as described in the Work Program and Budget for EANET in 2005, 2006 and 2007 adopted by the Sixth Session of the Intergovernmental Meeting (IG6), IG7 and IG8, respectively.

II. RELEVANT INFORMATION FOR THE PERFORMANCE REVIEW

5. The Joint Announcement on the Implementation of the Acid Deposition Monitoring Network in East Asia (EANET) adopted at the Second Session of the Intergovernmental Meeting (IG2) in October 2000 decided that participating countries will start the activities of EANET with the following objectives:

- to create a common understanding of the state of acid deposition problems in East Asia;
- 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 acid deposition; and
- to contribute to cooperation on the issues related to acid deposition among the participating countries

6. To achieve the objectives of EANET, it was agreed that the following major activities of EANET will be implemented:

- i) Acid deposition monitoring
- ii) Compilation, evaluation, storage and provision of data
- iii) Promotion of quality assurance and quality control (QA/QC) activities
- iv) Periodic reports on the state of acid deposition in East Asia will be produced and made available to the public
- v) Implementation of technical support and capacity building activities
- vi) Promotion of research studies related to acid deposition problems
- vii) Promotion of public awareness activities
- viii) Other relevant activities to achieve the objectives of the Network

7. The NC, to handle scientific and technical matters of the network activities, and to facilitate cooperation among participating countries in a transparent manner, will carry out the following tasks under the guidance of the Intergovernmental Meeting (IG):

- i) Central compilation, evaluation and storage of data, etc.
- ii) Preparation of data reports on acid deposition in East Asia
- iii) Dissemination of data and relevant information
- iv) Provision and strengthening technical capacity in the participating countries
- v) Implementation and coordination of QA/QC activities
- vi) Implementation of training activities
- vii) Research activities
- viii) Technical support for EANET meetings
- ix) Other tasks as requested by the IG and administrative works

8. The NC is located at the Acid Deposition and Oxidant Research Center (ADORC), Niigata, Japan. The organization of ADORC has been structured to support the above activities, with a Director General, two Deputy Director Generals, General Affairs Department, Planning and Training Department, Atmospheric Research Department, Ecological Impact Research Department and Data Management Department. The roles and responsibilities of the Director General, Deputy Director Generals and functions of the departments are as specified in the document EANET/IG 7/4 Guidelines on Administrative and Financial Management of the Secretariat and the Network Center, which was adopted at IG7 held in Niigata, Japan in November 2005. Some of the above activities are conducted in collaboration with the Secretariat located at the United Nations Environment Programme, Regional Resource Center for Asia and the Pacific (UNEP RRC.AP).

9. The budget of NC is divided into two sections, core budget and additional budget. The core and additional budget are defined as follows:

Core Budget: The cost of all activities indispensable for promoting the Network activities in the participating countries

Additional Budget: The cost of activities for strengthening the Network by providing technical assistance in the participating countries and by promoting further research activities

10. The detailed activities under the Core Budget Activities and Additional Budget Activities are shown in **Annex A**.

11. During the period 2005-2007, both the NC core budget and additional budget activities were funded by the government of Japan, some research funds and some organizations such as Niigata Prefecture and Niigata City as the host municipalities in Japan. Some staffs of ADORC were dispatched from relevant organizations and their salaries were borne by their organizations. Additional contributions were also received from the host municipality for maintenance of the ADORC building etc. At the Ninth Session of the Intergovernmental Meeting (IG9) held in Vientiane, Lao PDR in November 2007, it was agreed that the NC core budget activities from 2008 could be funded by voluntary financial contributions from member countries while the NC additional budget activities will still be funded by the government of Japan and some relevant organizations in Japan.

12. The Strategy on EANET Development (2006-2010) adopted at IG8 held in Hanoi, Viet Nam in November 2006 provided additional tasks to the NC and Secretariat. The Strategy has 30 categories of activities, each with its own set of targets and expected results and outputs to be implemented within a stated time frame. However since the Strategy activities will be implemented over a period of 5 years, it was decided that only the status of implementation will be reported here but the review of the performance of the Secretariat and NC in achieving the expected results and outputs of the Strategy on EANET Development (2006-2010) will only be conducted at the next performance review of the Secretariat and NC for the period 2008-2010.

III. PERFORMANCE REVIEW OF NC FOR EANET (2005-2007)

Goals and Purpose of the Performance Review

13. The purpose of the performance review is to provide information to the Intergovernmental Meeting for its consideration on proposals to enhance the performance of the NC by analyzing its progress and achievements against the goals set. The following strategic goals will serve as the framework of the performance measures:

- Improve compilation, evaluation, storage and provision of data
- Promote quality assurance and quality control measures
- Enhance technical support to member countries
- Enhance capacity building within member countries
- Promote research studies on acid deposition
- Promote public awareness on acid deposition
- Improve efficiency and transparency in management of budget

- Improve efficiency and transparency in staff management
14. The performance of the NC during 2005 – 2007 has been reported annually in the progress reports presented during the sessions of the Intergovernmental Meeting (IG), Scientific Advisory Committee (SAC), WGFD and Senior Technical Managers' (STM) Meeting in 2006 and 2007. An Annual Progress Report was also prepared after the end of each fiscal year and submitted by the Secretariat and NC to the Ministry of Environment, Japan, the donor agency, to present the progress of activities, expenditure etc. as stipulated in the contracts between the Ministry of Environment, Japan and UNEP RRC.AP.
15. The first draft of this review of the NC performance goals was conducted by a team of staff members from within the NC. This review has also analyzed the factors impacting the ability of NC to meet the objectives of EANET and identified possible strategies and partnerships that could improve performance/progress towards achieving the EANET objectives in the future.

Discussion on Progress and Impact

16. The NC has carried out its functions as defined in the Joint Announcement and the Tentative Design of EANET. During 2005 – 2007, the NC has successfully implemented the activities in the work program and budget for each year as approved by the sessions of IG.
17. As instructed by IG, the NC in 2005 started the process of coordinating the preparation of the Strategy on EANET Development (2006-2010), a document describing the medium term plans for EANET for future development of EANET to be implemented in the 5 years from 2006 to 2010. The preparation of the Strategy continued to 2006 until it was adopted at IG8 in November 2006. A summary of the status of implementation of the activities under the Strategy on EANET Development (2006-2010) as on June 2008 is given in **Annex B**.

18. Another important task of the NC during this period was the preparation of the first Periodic Report on the Status of Acid Deposition in East Asia (PRSAD). The NC, as the secretariat of the SAC Drafting Committee, coordinated the activities from the initial discussions to the final completion and publication of the Report in late 2007. The NC hosted 2 meetings of the Drafting Committee of PRSAD in Niigata, Japan in April 2005 and April 2006 and 2 meetings of the Lead Authors in Niigata, Japan in June 2006 and May 2007.

Central compilation, evaluation and storage of data, etc

19. Much effort was made by NC to ensure that the monitoring data of 2004, 2005 and 2006 from the participating countries were submitted according to schedule and the resulting data sets compiled, checked and stored each year according to procedures. Around 10 staff of NC are involved in this activity. The data sets are sent to various data verification groups for final verification before final storage. During 2005-2007, NC stored totally 127 items of the monitoring

data and recorded about 48 Mega Byte data in the database. All monitoring data obtained from the participating countries were made available for the use of the countries.

Preparation of data report

20. The annual Data Report of EANET is regarded by the participating countries as one of the most important outputs of EANET. During the period 2005-2007 the NC continues to perform the task of preparation of the data reports through a careful process of initial consideration of the preliminary draft of data reports at STM Meeting, revising the report based on comments from STM and from the participating countries, and final consideration of the draft Data Report at the annual session of SAC. The Data Reports of 2004, 2005 and 2006 were prepared following to the set procedures and schedule.

Dissemination of data and relevant information

21. Besides the dissemination of the EANET brochures, Data Reports 2004, 2005 and 2006, and QA/QC reports to participating countries and relevant organizations, the NC also distributed other relevant scientific and technical information including:

- Strategy Paper for Future Direction of Dry Deposition Monitoring of EANET (2005)
- Sub Manual on Forest Vegetation Monitoring in EANET (2007)
- Tropospheric Ozone, A Growing Threat (2006)
- What is an Emission Inventory? (2007)

22. Further information on acid deposition and other global environmental issues were made available in the ADORC webpage.

Strengthening technical capacity in participating countries

23. The NC continued to strengthen the technical capacity of participating countries through the implementation of technical missions to understand the situation in each country, to provide technical advice and assistance, and to update countries on the latest technical information. During 2005-2007, although the budget was limited, the NC tried to continue its annual technical missions to participating countries to ensure that the EANET monitoring program continued to function smoothly. In addition, the NC provided equipment, spares, consumables and reagents to several countries, in particular the newer members to start/expand their monitoring activities. As a result of the activity, China started air concentration measurements at Xiamen from 2007 using a filter pack kit provided by NC.

24. The list of equipment provided to countries is shown in **Annex C** while the list of spares, consumables and reagents given to countries is shown in **Annex D**. The outcomes and activities carried out during the NC technical missions in 2005, 2006 and 2007 are shown in **Annex E**.

Implementation and coordination of QA/QC activities

25. The NC successfully carried out and published the results in the following inter-laboratory comparison projects in the period 2005 - 2007:

- 7th Inter-laboratory Comparison Project on Wet Deposition (2005)
- 8th Inter-laboratory Comparison Project on Wet Deposition (2006)
- 9th Inter-laboratory Comparison Project on Wet Deposition (2007)
- 1st Inter-laboratory Comparison Project on Dry Deposition (2006)
- 2nd Inter-laboratory Comparison Project on Dry Deposition (2007)
- 6th Inter-laboratory Comparison Project on Soil (2005)
- 7th Inter-laboratory Comparison Project on Soil (2006)
- 8th Inter-laboratory Comparison Project on Soil (2007)
- 5th Inter-laboratory Comparison Project on Inland Aquatic Environment (2005)
- 6th Inter-laboratory Comparison Project on Inland Aquatic Environment (2006)
- 7th Inter-laboratory Comparison Project on Inland Aquatic Environment (2007)

26. The number of participating laboratories for each year and the results of the inter-laboratory comparison project for wet deposition for high concentration and low concentration samples from 1998 to 2007 are shown in **Annex F**.

27. The NC continued to encourage the participating countries to participate in other inter-laboratory comparison projects by other organizations such as the UNECE International Cooperative Programme on Assessment and Monitoring of Acidification of Rivers and Lakes (ICP Waters), EMEP and WMO Global Atmosphere Watch programme.

Implementation of training activities

28. To continuously improve the monitoring skills and understanding on acid deposition issues, the NC has continued its activity to invite individuals from participating countries to participate in its annual individual training program at ADORC. Altogether a total of 57 individuals from the member countries have received training from the beginning of EANET activities, of which 13 are trained during 2005-2007. In addition, through a process of discussion and communication, with donor organizations in the region, the NC had utilized various training programs and technical assistance activities implemented by the donor organizations to provide training to the participating countries of EANET. The JICA Country Focused Training Course on Acid Deposition Monitoring Network in East Asia held in Japan in 2005, 2006 and 2007, the JICA Third Country Training on Acid Deposition Monitoring held in Thailand in 2005, and the JICA Third Country Training on Emission Inventory and Modeling for Acid Deposition held in Thailand in 2006 and 2007 are some examples. The NC also assisted in national training activities at the request of participating countries. Detailed information on the various capacity building activities are shown in **Annex G**.

Research activities

29. The joint research activities carried out by NC with the participating countries in 2005-2007 continued to be constrained by limited financial resources. The projects which received funding from Ministry of Environment Japan and other research grants from Japan are:

- Catchment analysis in a small river basin (Japan, Thailand, Malaysia)
- Passive sampling of O₃ and SO₂ and measurement of tree growth in Mongolia
- Study of dry deposition monitoring methodologies (Korea, Japan, Thailand)
- Analysis of acid deposition and heavy metals in Russia
- Dry deposition flux measurement in Thailand

30. Data and information from these studies are useful for improving future monitoring methodologies used in EANET and for evaluation of impacts on ecosystem. For example, the result of the Joint research on dry deposition flux measurement with Thailand is useful for developing the Technical Manual on Estimation of Dry Deposition Flux to be developed by the Expert Group on Dry Deposition Flux Estimation. The NC will publish all the research results within 2008. A summary of the joint research activities with member countries is given in **Annex H**.

31. The NC also implemented the EANET Research Fellowship program in 2005, 2006 and 2007 to encourage young scientists from participating countries to conduct relevant research studies for 2 months at ADORC to further the understanding on acid deposition in East Asia. Altogether 6 scientists from the participating countries, 2 each year, have benefited from this program as shown in **Annex I**.

Technical support for EANET meetings

32. The sessions of the STM, WGFD, SAC, IG are important for the NC and Secretariat to report the progress of EANET activities, and to discuss new ideas and proposals with participating countries to further strengthen EANET in the region. During 2005 – 2007, the NC prepared all the necessary technical and scientific documents according to schedule for circulation to participating countries by the Secretariat. Selected NC members participated in the sessions of STM5, WGFD2, WGFD-S1, SAC6, IG7 in 2005, STM6, WGFD3, WGFD-S2, SAC7, IG8 in 2006, STM7, WGFD4, WGFD5, SAC8 and IG9 in 2007 to make presentations, provide scientific and technical support and to follow-up on decisions made after the sessions which involve the NC.

Public awareness building

33. Public awareness building is a growing activity of the NC due to the increasing demand to increase awareness on acid deposition and its impacts among various groups, from the policy makers, governmental officials, school children, NGOs, to the general public. **Annex J** shows the details of the public awareness activities carried out by NC in collaboration with the Secretariat and member countries.

Administrative works

34. To keep abreast with the latest developments, the NC maintained close communication and coordination with the acid deposition and air pollution monitoring networks in other regions such as the Cooperative Programme for Monitoring and Evaluation of the Long-Range Transmission of Air Pollutants in Europe (EMEP), and relevant regional/international organizations such as World Health Organization and World Meteorological Organization and participated in activities held by these organizations during 2005-2007 whenever relevant.

35. The implementation and monitoring of the budget and personnel affairs are carried out in accordance with the rules and regulations of the ADORC and its mother organization, the Japan Environmental Sanitation Center (JESC). The NC continued to strive to improve the efficiency and transparency of the existing administrative system and several new procedures have been introduced particularly in 2007 to this effect. For example, NC has submitted Financial Report from 2006 in accordance with the “Guidelines on Administrative and Financial Management for the Secretariat and the Network Center (EANET/IG 7/4)” endorsed at IG7 in 2005. The details of the budget and expenditure for each year are shown in **Annex K**.

Performance Report

Goal 1: Improve compilation, evaluation, storage and provision of data

Plan (2005-2007)	Outcome Measures
To complete compilation and verification of the monitoring data by August of the following year.	Data compilation and verification was according to schedule in 2005, 2006 and 2007.
To complete the Data Reports and distribute to member countries by November the following year.	Data Report 2004, Data Report 2005 and Data Report 2006 were published and distributed according to schedule.
To disclose the Data Reports outside of EANET by January two years after.	Data were disclosed according to planned schedule.
To improve data management process by upgrading ADORC computer server.	Data management was improved when the capacity of the ADORC server was upgraded from 160 Gigabytes to 3 Terabytes in 2007.
To assist SAC to carry out an evaluation of state of acid deposition in East Asia.	The first Periodic Report on the State of Acid Deposition in East Asia was published in 2007.

Goal 2: Promote quality assurance and quality control measures

Plan (2005-2007)	Outcome Measures
To implement the inter-laboratory comparison projects for wet deposition, dry deposition (filter pack method), soil and inland aquatic	The inter-laboratory comparison projects for wet deposition, dry deposition, soil and inland aquatic environment were implemented as

<p>environment every year.</p> <p>To encourage all the laboratories to participate in the inter-laboratory comparison projects.</p> <p>To improve data quality through the implementation of fundamental activities to achieve the objectives of the EANET QA/QC program.</p>	<p>scheduled in 2005, 2006 and 2007.</p> <p>The number of participating laboratories participating in the project on wet deposition during 2005-2007 increased from 30 to 32.</p> <p>The high percentage of reliable data from the network is maintained although there are fluctuations from year to year.</p>
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Goal 3: Enhance technical support to member countries

Plan (2005-2007)	Outcome Measures
To assist countries to improve monitoring, chemical analysis and assessment of national data through expert missions.	Technical missions were made to 11 countries in 2005, 12 countries in 2006 and 12 countries in 2007 (until March 2008).
To assist countries to start monitoring acid deposition by providing equipment.	In collaboration with the Secretariat, ICs were provided to Cambodia and Lao PDR and other equipment to China, Viet Nam, Lao PDR, Myanmar and Philippines.
To assist countries in continuing their monitoring by providing spares and consumables, reagents.	Spares, consumables, reagents were provided to Cambodia, Indonesia, Lao PDR, Mongolia, Myanmar, Philippines and Vietnam in 2005, to Cambodia, China, Lao PDR, Mongolia, Myanmar, Philippines and Vietnam in 2006, and to Cambodia, China, Lao PDR, Myanmar and Vietnam in 2007.

Goal 4: Enhance capacity building within member countries

Plan (2005-2007)	Outcome Measures
To increase the number of personnel trained on acid deposition monitoring in member countries through conducting individual training at NC.	6 personnel from Cambodia, China, Indonesia, Lao PDR, Thailand and Vietnam received training in 2005, 2 personnel from Cambodia, Lao PDR received training in 2006, 5 personnel from Cambodia, China, Indonesia, Lao PDR and Malaysia received training in 2007. Altogether 57 personnel received training on acid deposition monitoring.
To build capacity in member countries on acid deposition and related issues through the JICA courses.	<p><u>JICA Training Courses on Acid Deposition Monitoring in East Asia</u></p> <p>Number of personnel trained: 10 in 2005, 10 in 2006 and 10 in 2007</p> <p><u>JICA Third Country Training Course on Acid Deposition in East Asia</u></p> <p>Number of personnel trained: 22 in 2005, 24 in 2006 and 19 in 2007</p> <p>NC dispatched experts to Kobe, Japan and</p>

	<p>To build capacity among policy makers on scientific knowledge of acid deposition and international negotiations.</p> <p>To promote knowledge on acid deposition at local venues.</p>	<p>Thailand during the training as lecturers of the training courses.</p> <p>26 policy makers were informed on acid deposition and its impacts during the Capacity Building Course on Future Development of EANET for Officials and Experts of Participating Countries in 2007.</p> <p>Expert missions were dispatched to China, Lao PDR, Cambodia in 2006 and Myanmar in 2007 to share knowledge in public awareness workshops.</p>
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Goal 5: Promote research studies on acid deposition

Plan (2006-2007)	Outcome Measures
To increase the number of joint research projects with member countries for improving monitoring methodologies.	Joint research studies are ongoing with Russia, Thailand, Mongolia, Malaysia, and Republic of Korea. The results will be published in EANET Bulletin on Science and Technology in 2008. The number of published science papers in English by NC staff from the joint studies was 7.
To promote research on acid deposition among young scientists under the EANET Research Fellowship Program.	2 researchers from China and Philippines in 2005, 2 researchers from Mongolia and Russia in 2006 and 2 researchers from China and Vietnam in 2007 participated in the program. Their science papers will be published in the EANET Bulletin on Science and Technology.

Goal 6: Promote public awareness on acid deposition

Plan (2005-2007)	Outcome Measures
To carry out workshop in participating countries to promote public awareness on acid deposition.	The 5th, 6th and 7th Public Awareness Workshops on Acid Deposition Problems were held in Niigata in 2005, 2006 and 2007 respectively. A total of 390 people, including schoolchildren and general public, were educated on the issues.
To produce information materials on acid deposition for dissemination to the general public in member countries.	Brochures on acid deposition were developed in Lao PDR in 2005 and Myanmar in 2006.
To collaborate with member countries to organize in-country public awareness workshops on acid deposition.	In-Country Public Awareness Workshop held in Cambodia in 2005, Lao PDR in 2006 and Cambodia in 2006. About 300 government officials, schoolchildren and general public benefited from the workshop from 2005-2007.

To develop an e-Learning program on acid deposition and the environment in the EANET website.	An e-learning program was implemented on the website in 2006.
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Goal 7: Improve efficiency and transparency in management of budget

Plan (2005-2007)	Outcome Measures
To improve the budgeting system by clearly defining the NC core and additional budget.	NC proposed to IG revised definitions of the core and additional budget with detailed items which were adopted at IG9 in 2007.
To explore partnerships with other regional and international initiatives as a means of saving budget for EANET activities.	A joint seminar with CLRTAP was held in 2005. Discussions have been initiated with other initiatives such as WMO and TF HTAP to hold joint activities.
To seek approval for voluntary financial contribution to NC budget.	NC proposed to IG that participating countries make voluntary financial contribution to the core budget of NC from 2008 and the proposal was agreed at IG9.
To seek additional sources of funds for EANET activities from international funding agencies.	Member countries agreed on a list of priority projects prepared by NC for seeking collaboration with regional and international funding agencies. The process of discussion has started. NC and Secretariat began the consultation with ADB to acquire on funding support for the priority projects.
To keep expenditures below the budget for NC core budget	Actual expenditures in 2005, 2006 and 2007 did not exceed the actual revenue.

Goal 8: Improve efficiency and transparency in staff management

Plan (2005-2007)	Outcome Measures
To follow a transparent procedure for recruitment of NC staff.	The recruitment of the Deputy Director General in charge of Network Center in 2006 was in accordance with the procedures established and adopted by IG7. The recruitment of other staff follow the rules and regulations of the Japan Environmental Sanitation Center (JESC).
To improve efficiency in conducting and reporting EANET activities	A post of Assistant Deputy Director General was created in ADORC to assist the Deputy Director General in implementing EANET activities. The position will be filled in 2008.

Action Plan/Follow-up Strategies for Improving Performance

36. In the preparation of this review, the NC has identified several prevailing issues that had influenced its performance and the strategies proposed to overcome the issues are:

Issue 1: Inadequate Financial Resources for some EANET Activities

37. Some of the larger projects listed in the Strategy on EANET Development (2006-2010) and the joint research projects with participating countries that relied on funds from donor agencies could not be fully implemented due to inadequate funding resources. Among these are projects to increase the number of monitoring sites in the network and implementation of dry deposition monitoring and ecological monitoring activities in some countries.

Strategies:

- i) Explore collaboration and build linkages with other initiatives and regional/international funding organizations
- ii) Participating countries could be further encouraged to make additional contributions to the budget of NC
- iii) Partnerships with research groups in the universities and research institutes for easier access to large environmental research grants

Issue 2: Diverse Monitoring and Assessment Needs of Participating Countries

38. The East Asian region has a diverse ecosystem and the current EANET activities may not fully meet the needs of countries due to vast differences in economies, climatic and geographical conditions. More attention is needed to study the situation in each region in order that the activities of EANET can be better tailored to meet the needs of all participating countries.

Strategies:

- i) To request the Task Forces and Expert Groups established under SAC to identify specific monitoring needs of the countries with diverse ecosystems and recommend actions to be taken by NC
- ii) Questionnaires to be developed by NC to seek comments and feedback on the needs of the participating countries

Issue 3: Delays in Receiving Response from the Participating Countries

39. The present system of using the Internet as the main means of communication by the NC with contact persons in the participating countries has occasionally slowed down the implementation of some activities.

Strategies:

- i) A more efficient system of communication with member countries and other contacts should be developed.

Issue 4: Insufficient Human Resources in the Network Center

40. The number of staff in ADORC has declined due to tightening of the budget and almost all of the staff members are involved in other national activities as well as EANET activities. A core group of researchers each specializing in a field of acid deposition research is desired and they should be retained at the NC for a reasonable length of time to maintain the institutional memory and accumulate long-term skills.

Strategies:

- i) A bigger budget to enable recruitment of specialized staff on a permanent basis
- ii) Less reliance on non-reimbursable staff seconded from other organizations in Japan

Annex A

Core Budget Activities

- 1. Central compilation, evaluation and storage of data etc.**
 - 1-1 Data verification
 - 1-2 Maintenance of database
- 2. Preparation of data report**
- 3. Dissemination of data and relevant information**
 - 3-1 Analysis on the state of acid deposition in the region
 - 3-2 Development and updating of EANET website
- 4. Strengthening technical capacity in participating countries**
 - 4-2 Senior Technical Managers' Meeting
- 5. Implementation and coordination of QA/QC activities**
 - 5-1 Inter-laboratory comparison surveys
 - 5-2 Individual questions and answers
- 6. Implementation of training activities**
 - 6-1 Development of annual training program
- 8. Technical support for EANET meetings**
 - 8-1 Preparation of technical documents
 - 8-2 Attendance to the EANET meetings
 - 8-3 Support for Task Forces
 - Task Force on Dry Deposition Monitoring
 - Task Force on Soil and Vegetation Monitoring
 - Management of the network on soil/vegetation specialists
 - 8-4 Other follow-up activities of the meetings
- 10. Administrative works**
 - 10-1 Communication and coordination
 - 10-2 Management of personnel affairs
 - 10-3 Miscellaneous

Additional Budget Activities

4. Strengthening technical capacity in participating countries

- 4-1 Dispatch of technical missions
- 4-3 Assistance and technical support to individual countries
- 4-4 Communication/coordination with donor agencies

6. Implementation of training activities

- 6-2 Development of training materials and technical documents
- 6-3 Assistance for national training activities
- 6-4 Coordination with and support for other training programs
- 6-5 Individual training at NC
- 6-6 Communication/coordination with donor agencies

7. Research activities

- 7-1 Research for improving monitoring methodologies
- 7-2 Joint research with Russia
- 7-3 Joint research with Thailand
- 7-4 Joint research with Mongolia
- 7-5 EANET research fellowship program
- 7-6 Other research

9. Other activities

- 9-1 Raising of public awareness on acid deposition problems
- 9-2 Development of brochures etc.
- 9-3 Workshop on exchange of experiences

10. Administrative works

- 10-1 Communication and coordination
- 10-2 Management of personnel affairs
- 10-3 Miscellaneous

Annex B

**Targets, Expected Results and Outputs, and Status of Implementation of the Activities of the Strategy on EANET Development
(2006-2010)**

i. Promotion of acid deposition monitoring

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(1)	Improvement of implementation of all required monitoring items with necessary data completeness and accuracy	To provide complete sets of high quality monitoring data in terms of accuracy, complete (up to 100%) coverage of all mandatory parameters and appropriate application of sampling/analytical equipment in all the participating countries	[1]	Report on improvement of data completeness and on application of sampling/analytical equipment at the EANET monitoring sites (including recommendation for improvement of equipment and proposal on cooperation with equipment makers for technical support and maintenance of equipment)	2007-2008	Report will be drafted by NC at the end of 2008
			[2]	A set of Standard Operating Procedures (SOPs) for operational monitoring	2006-2008	Will be reported at SAC8
			[3]	Data sets of all the mandatory items to analyze spatial distribution and trends, and to estimate acid deposition fluxes for assessment of impact (e.g. critical load analysis, catchment analysis, etc.)	2006-2010	Will be reported at SAC10
(2)	Consideration and efforts on appropriate distribution of monitoring sites	To increase the density of monitoring sites	[4]	Establishment of new EANET sites	2007-2010	2 new wet and 1 dry deposition sites so far
(3)	Development and application of monitoring methods for dry deposition considering current country-	To ensure the implementation of improved/ modern methods for dry deposition	[5]	Technical Manual for dry deposition fluxes estimation prepared by Task Force on Dry Deposition Monitoring	2008-2010	Expert Group is established

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
	specific monitoring methodology	(especially in tropical region) including estimation of dry deposition fluxes in at least three EANET countries (as research studies)	[6]	Estimation of dry deposition fluxes at the selected monitoring sites in selected EANET countries	2009-2010	Will carry out when Technical Manual is completed
(4)	Consideration on possible application of less expensive methods of monitoring including passive samplers	To provide more extensive data sets on acid deposition in EANET	[1]	Recommendation on use of less expensive methods to reduce monitoring cost and increase numbers of monitoring sites	2007-2008	Will be discussed by the Task Forces
(5)	Review and revision of the monitoring Manuals including operation manuals of monitoring equipment	To provide participating countries with revised guidelines for monitoring	[7]	A decision on the revision of Technical Manuals: for Wet Deposition Monitoring of EANET, and for Monitoring on Inland Aquatic Environment	2007	Expert Groups are established
(6)	Review of Strategy Paper for future directions of soil and vegetation monitoring	To clarify particular objectives, ways, and milestones for ecological monitoring	[8]	A revised Strategy Paper for Future Direction of Soil and Vegetation Monitoring of EANET	2007-2008	Task Force on S&V will submit the Strategy Paper to SAC8
(7)	Promotion of the future catchment monitoring in line with Strategy Paper	To provide the scientific data on effects of acidification on terrestrial ecosystem based on the elemental budget calculations	[9]	Guidelines/methodologies for the future catchment monitoring	2007-2010	Will be discussed by Task Force on S&V

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(8)	Evaluation of monitoring data with application of approach for assessment of impacts (e.g. critical load analysis, catchment analysis, etc.)	To identify areas which has potential for damage by acid deposition	[10]	Identification of area or regions susceptible to acid deposition damages	2008-2010	Will be discussed by Task Force on S&V

ii. Compilation, evaluation, storage and provision of data

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(9)	Compilation and storage of monitoring data including assistance to participating countries on developing their national databases	To maintain the EANET database of monitoring data for support to reporting and scientific studies on acid deposition in East Asia	[11]	Databases of EANET monitoring data in NC and some participating countries	2006-2010	Maintained by NC
(10)	Evaluation of appropriateness of monitoring data	Improvement of data quality by data verification	[12]	Establishment of data verification system	2007	Will be formalized in 2008
(11)	Promotion of access to monitoring data for data users	Provision of EANET data through Internet	[13]	Website for data downloads system and communication system.	2006-2010	Under consideration by NC

iii. Promotion of quality assurance and quality control (QA/QC) activities

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(12)	Evaluation of national QA/QC programs and their implementation	To review and develop national QA/QC programs of EANET	[14]	Progress report on performance of EANET monitoring in participating countries (including recommendation for QA/QC activities)	2008-2010	Will be submitted by NC to SAC10

(13)	Research on evaluation of inter-laboratory comparison project results to clarify and solve problems of laboratory analysis in the participating countries as well as for data quality assurance	To introduce measures for improvement of regular measurements by evaluating the results of inter-laboratory comparison projects on the regular phase	[15]	Report on the evaluation of inter-laboratory comparison tests in 2001-2005 and improvement of laboratory analysis	2007	One evaluation method was proposed in 2007
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iv. Implementation of technical support and capacity building

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(14)	Promotion of systematic training and education, and cooperation in training activities implemented by the participating countries and other relevant organizations	To improve training activities by considering feedback of trainees and using better training materials	[16]	Report on results of questionnaires on implementation of training initiatives in participating countries and by other relevant organizations	2006-2010	Reported annually
			[17]	A set of training materials (textbooks, reviews of basic knowledge with exercises, special topic brochures)	2006-2010	Textbooks completed, some brochures produced
(15)	Promotion of technical support for monitoring in the participating countries	Improvement of capability for EANET monitoring in participating countries	[18]	Support to current EANET monitoring activities in participating countries	2006-2010	Implemented annually
(16)	Promotion of technical assistance by other relevant organizations	Improvement of capability for EANET monitoring in participating countries	[19]	Providing necessary equipment for national EANET monitoring by means of projects supported by external resources	2006-2010	Implemented annually

v. Producing periodic reports on the state of acid deposition in East Asia

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(17)	Preparation of periodic assessment reports on the state of acid deposition	To provide scientific assessment for the public, scientists and policy makers	[20]	The first periodic report (end of 2006)	2006	Completed
			[21]	Preparation of the next periodic report	2009-2010	Expert Group is established
(18)	Studies for supporting assessment on the state of acid deposition by means of trend analysis, assessment indicators, numerical modeling, etc.	To provide scientific instruments for assessment of monitoring data such as trend analysis, assessment indicators, numerical modeling, etc.	[22]	Guidance on monitoring data application for assessment reports such as trend analysis, assessment indicators, numerical modeling and data presentation design	2007-2008 (before start of preparation of next periodic report)	Will be discussed by Expert Group on PRSAD2

vi. Promotion of research activities related to acid deposition problems

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(19)	Consideration on general directions of research activities by SAC	Consideration and preparation of general directions of research activities in a transparent manner	[23]	Recommendation on general direction for research activities related to acid deposition problems in East Asia	2006-2008	Task Force is established
(20)	Promotion of inter-comparison studies and validation of existing models on acid deposition in East Asia	Clarification of the differences among related models and recommendations on the harmonization of models	[24]	Recommendation on improvement of regional atmospheric transport/chemistry/deposition models	2007-2010	SAC to reconsider
			[25]	Support to initiatives of participating countries on atmospheric modeling and its application	2007-2010	SAC to reconsider

vii. Promotion of public awareness

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(21)	Promotion of public awareness for EANET among the general public, policy makers, private sectors and local governments on acid deposition and its effects	To increase understanding and knowledge level of the general public, etc on acid deposition and its effects	[26]	Printed public awareness materials and updated e-Learning courses and Web-pages	2006-2010	Implemented and will continue to update
(22)	Efforts to help high-level policy makers to understand the importance of acid deposition problems in East Asia and EANET activities	To make high-level policy makers understand the importance of acid deposition problems in East Asia and EANET activities	[27]	Dissemination of information at a special session in high level meetings	2006	Possibly in 2008
			[28]	Dissemination of information at other regional meetings	2006-2010	Implemented annually
			[29]	New Report for Policy Makers	2008-2009	Under implementation

viii. Other relevant activities including those for future development and new researches

viii-1. Modeling activities and emission inventories

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(23)	Discussion on promotion of modeling activities and emission inventories	Clarification of future direction on modeling activities and emission inventories in EANET. Clarification of necessary measures to implement modeling activities and to develop emission inventories	[30]	Proposals on promotion of modeling activities and emission inventories	2007-2008	Some activities were initiated.

(24)	Promotion of capacity building for model application on urban, national and regional scales	To enable interested participating countries to use existing models for their own objectives	[31]	Designation of suitable standard models of each scale for research/training application	2007	Some activities were initiated.
			[32]	Promotion of the training courses on application of the standard models including cooperation with other organizations	2006-2010	Some activities were initiated.

viii-2. Selection and review of priority substances to be assessed

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(25)	Establishment of the framework for reviewing substances to be monitored including other air pollutants and monitoring parameters	To establish the framework for reviewing substances to be monitored and necessary parameters for regular monitoring as well as equipment for that purpose	[33]	Transparent framework for reviewing substances to be monitored	2006-2007	SAC to reconsider
			[34]	Recommendation on monitoring parameters, measurements and equipment for EANET sites	2006-2007	SAC to reconsider
(26)	Investigation on environmental/human effects of priority substances and their monitoring requirements such as monitoring equipment, sampling and analytical methods	To clarify the necessity, monitoring approaches and necessary activities to organize the monitoring of priority substances	[35]	Reports on environmental/human effects of priority substances and their monitoring requirements with available information such as good practices and results of case studies in EANET region	2008-2009	SAC to reconsider
			[36]	Action plans for monitoring priority substances	2010	SAC to reconsider

viii-3. Promotion of formation of an “Epistemic Community”

No.	Activities to be undertaken	Targets	Expected results and Outputs	Implementation period	Status
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(27)	Improvement of communication and sharing common understanding on a wide range of issues on the atmospheric environment in East Asia among the scientists, researchers and government officials of the participating countries	To support formation of the Epistemic Community by EANET scientists, researchers and government officials	[37]	Creating a network of experts concerning a wide range of issues of the atmospheric environment within EANET	2006-2010	Under implementation
			[38]	Periodic issue of Newsletter	2006-2010	Under implementation
			[39]	Regional Workshop on Acid Deposition in one of the participating countries of EANET for scientific community, national governments, civil society, academia, private sector and other international experts and agencies	2006	Completed

viii-4. Improvement and development of institutional arrangement

No.	Activities to be undertaken	Targets	Expected results and Outputs		Implementation period	Status
(28)	Further improvement of the guidelines for transparency and efficiency of EANET	To strengthen EANET activities. To promote efficiency and transparency of EANET	[40]	More transparent and efficient activities of EANET bodies including SAC, Task Forces and other sub-bodies	2006-2010	Under implementation
(29)	Studies on the establishment of a sound financial basis and the further development of EANET following the outcome of the feasibility study on an appropriate instrument	To support a process of development of an appropriate instrument	[41]	Report on future development of EANET to establish a sound financial basis	2006-2008	Under implementation
(30)	Consideration on future activities with discussions on possibilities of future	Improvement of structures of EANET to promote active participation.	[42]	Second report on future development of EANET	2009-2010	Will be implemented in 2009-2010

	development of EANET including a possibility to establish additional institutional structures, if necessary.	Preparation of the Medium Term Plan for next period	[43]	Medium Term Plan for EANET (2011-2015)	2009-2010	Will be implemented in 2009-2010
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Annex C

Table 1: Equipment Provided to Member Countries for Monitoring Activities (1998-2007)

Year	Country Assisted	Equipment Provided
1998	Mongolia Russia	IC, Wet-Only Sampler, Filter pack Sampler Kit Wet-Only Sampler
1999	China Philippines Viet Nam	Wet-Only Sampler, Filter pack Sampler Kit Wet-Only Sampler, Refrigerator Wet-Only Sampler, Filter pack Sampler Kit
2000	Indonesia Malaysia Vietnam	Wet-Only Sampler Filter pack Sampler Kit Filter pack Sampler Kit, Flow meter
2001	-	-
2002	Cambodia Lao PDR Mongolia Viet Nam	Wet-Only Sampler, Power Stabilizer Wet-Only Sampler Pure Water Generator Boiler Flow meter
2003	Cambodia Lao PDR Mongolia Philippines Russia	pH and EC meter pH and EC meter Digital pipette, Flowmeter Filter pack Sampler Kit, Computer, Digital Camera AAS (used)
2004	Philippines	Filter pack Sampler Kit, Refrigerator
2005	Lao PDR Viet Nam	Refrigerator Refrigerator
2006	Cambodia China Lao PDR Myanmar Philippines	IC (purchased using Secretariat's savings) Filter pack Sampler Kit IC (purchased using Secretariat's savings) pH and EC meter Rain sensor
2007	Lao PDR	Filter pack Sampler Kit

Annex D

Table 1: Assistance Provided to Member Countries for Monitoring Activities

Year (JPY)	Country										
	Cambodia	China	Indonesia	Lao PDR	Malaysia	Mongolia	Myanmar	Philippines	Russia	Thailand	Viet Nam
1998						E, C			E		
1999		E, C						E			E,C
2000			E		E,C	C					E,C
2001			C								E
2002	E			E		E					E
2003	E	E		E		E		E,C	E		
2004	E		C, S			E, C		E, C			E
2005	S		S	S, E		E, C	S	C, E			E, C, S
2006	E, C, S	E, C		S, C, E		E, C	E, S	E, C, S			S
2007	E, C, S	S		E, C			E				C

Note: E: equipment, spare parts, C: consumable, S: standard solution, reagent

Annex E

Table 1: Major Activities/Outcomes of NC Technical Missions in 2005

Country	Period	Major Activities/Outcomes
China	5–14 January 2005	The mission visited the urban and remote monitoring sites and laboratories of Xiamen and Xi'an, and had discussions of technical issues of EANET. Base on the discussion and the request from China, the mission decided to recommend DG of ADORC to support filter-pack kit to Xiamen City.
Philippines	16–22 January 2005	The mission visited the candidate wet and dry deposition monitoring site, Mt. St. Thomas and confirmed that this site has no problem to start the monitoring. Mission also visited inland aquatic environment monitoring site, Ambrarakaw Lake and confirmed that the lake is more suitable than the lakes in Laguna.
Indonesia	6–12 February 2005	The mission visited the candidate monitoring site for inland aquatic environment, Tilong Dam (Kupang) in West Timor, and confirmed that the candidate site was not suitable for inland aquatic environment monitoring in EANET because the values of EC and Alkalinity were higher than criteria.
Republic of Korea	21–24 February 2005	The mission discussed the possibility of joint research project with the National Institute of Environmental Research (NIER) regarding the monitoring of aerosol. As a result, NIER and NC fundamentally agreed to start “Joint Research on Aerosol Monitoring” in both countries from September 2005.
Thailand	27 February – 4 March 2005	The mission visited the candidate site for inland aquatic environment monitoring, Sakerat, but it was clarified that the site is not suitable for inland aquatic monitoring because the water area is only 0.1 ha in March 2005, comparing with the criteria the water area is too small.
Viet Nam	7–15 March 2005	The mission visited the candidate sites and the labs of Da Nang and Ho Chi Minh City, and confirmed that the both labs were already equipped appropriately and considering the result/plan of the training of relevant staff, monitoring activity of EANET in middle and southern Viet Nam can be carried out smoothly.
Cambodia and Lao P.D.R.	23–28 June 2005	The mission visited JICA office and the Embassy of Japan in both countries, and emphasized the importance to provide technical support from JICA to the both countries. It was agreed among the mission and Cambodia that the proposal document on JICA’s assistance could be prepared and submitted to JICA office by 1st July 2005.
Viet Nam	31 July – 3 August 2005	The mission visited VEPA (Viet Nam Environment Protection Agency) that has the responsibility for restructure of national monitoring, and requested VEPA to support EANET activities in Viet Nam promoted by IMH. VEPA agreed that they would support the EANET activities including the plan on extension of monitoring area to middle and southern parts.
China	25 September – 1 October 2005	The mission visited a candidate site for setting the remote monitoring site. This point is about 60 kilometers north away from central Lijiang City, and is far enough from all of pollution sources. And since the main wind direction is west, and Tibet’s Mountains and India. It seems that the candidate place is appropriate as remote monitoring site.
Russia	25 September – 2 October 2005	The mission discussed; 1) joint research project funded by MOE; and 2) gas and aerosol monitoring for cooperative research project funded by Japan. The mission confirmed that collection of emission inventory information was added newly. After confirmation of some issues, two MOAs of those projects were contracted successfully between ADORC and LIN (Limnological Institute).

Table 2: Major Activities/Outcomes of NC Technical Missions in 2006

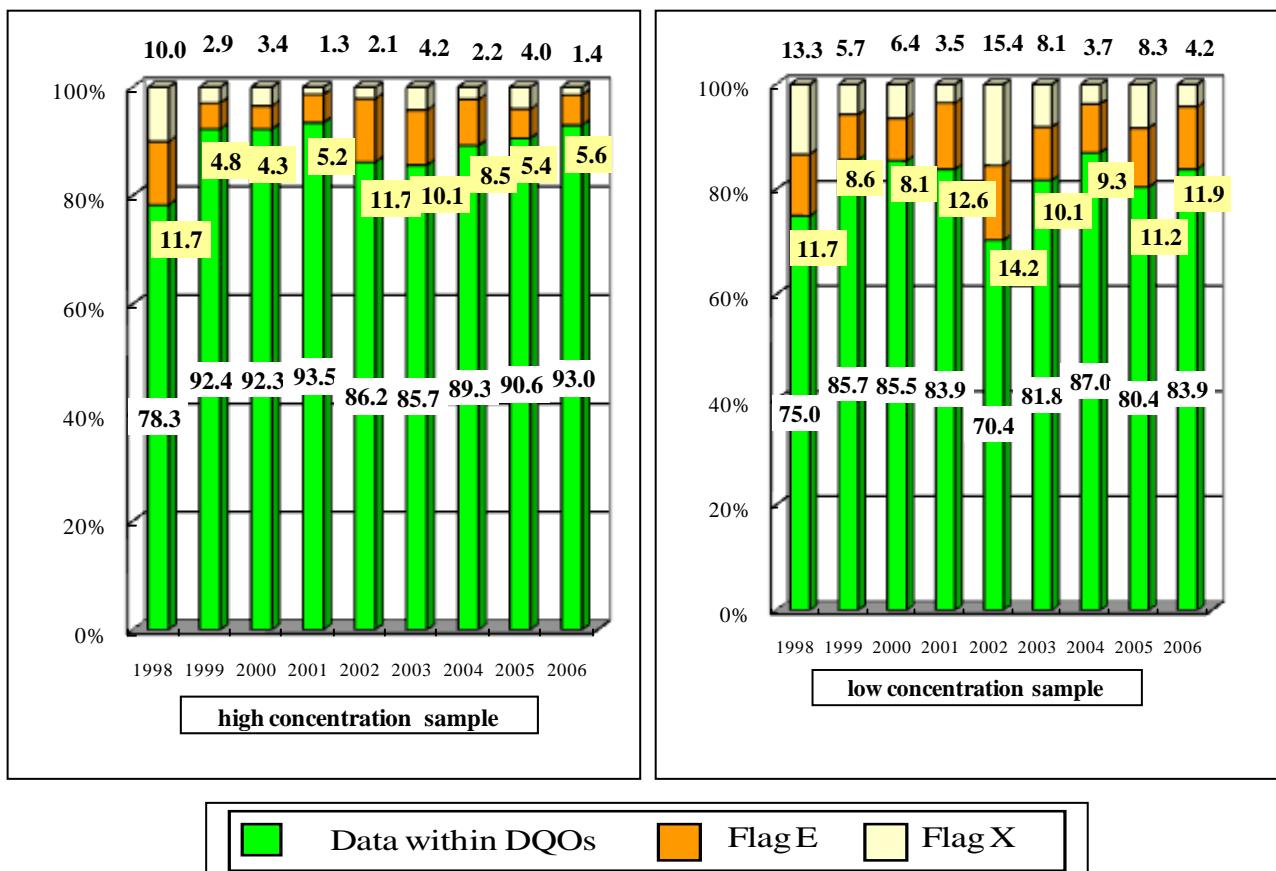
Country	Period	Major Activities/Outcomes
Republic of Korea	21-24 February 2006	There are 2 kinds of Filter Pack monitoring method in this region. Sampling period and flow rate, etc. between Japan and R. of Korea are different. Taking into account the present situation, it was decided that an intensive monitoring for method inter-comparison would be conducted at Jeju, Kanghwa or NIER in Korea and Sado-seki or Niigata-maki in Japan in October 2006.
Indonesia	12-18 March 2006	The mission visited the candidate monitoring site for the inland aquatic environment, Lake Sicikeh Cikeh, in North Sumatra and confirmed that the location is appropriate, EC value is low and there is no anthropogenic water pollution. However, it has a possibility of disharmonic lake*, the decision for EANET site should be made after one year investigation..
Myanmar	20-24 March 2006	After the discussion, the mission visited candidate monitoring sites and DMH laboratory, and recommended to select a place where isn't far from the laboratory. The mission agreed with Myanmar to start EANET monitoring within the ground of the lab (DMH).
Myanmar	4 August 2006	The mission discussed Draft Memorandum of Understanding (MOU) for provision of wet only sampler to DMH. The mission confirmed that NC could send the equipment to DMH after MOU entering into force.
Viet Nam	4-10 August 2006	The mission explained an application from ADORC to Japanese Fund for a study to develop emission inventory in East Asian region and requested IMH of clear understanding on importance of development of emission inventory in East Asian region. IMH fundamentally agreed with the idea of NC, and expressed their willingness to carry out the study with ADORC.
Russia	26 August – 3 September 2006	The mission discussed invitation of Russian researcher to Niigata and agreed to invite Russian researcher of the Limnological Institute to Niigata at the end of February 2007. And, two MOAs (Memorandum of Agreements) of joint research projects were contracted between ADORC and LIN.
Mongolia	11-15 September 2006	Filter pack sampling unit in Uraanbaatar hasn't worked due to the broken pump. The mission installed a new pump brought to Mongolia in the filter pack sampler and confirmed that the dry deposition monitoring restarted smoothly. The mission suggested setting of filter pack at higher position than present situation (40-50 cm from the surface of top of the building).
China	11-18 October 2006	The mission attended "China National Workshop (WS) on EANET in 2006" and made presentations on "Recent Progress of EANET Activities", "Wet and dry deposition monitoring of EANET", and exchanged information and views of EANET including technical issues of inter-lab projects. China requested NC to attend the WS every year, if possible.
Cambodia and Lao P.D.R.	9–16 November 2006	1) The mission participated in the "Public Awareness Workshop on Acid Deposition" held in both countries and made presentations on progress of EANET and technical issues, and exchanged information and views. 2) The mission confirmed that two sets each of IC systems in Cambodia and Lao PDR installed by using the EANET Secretariat saving could be operated without any problems.
Thailand	26 November -1 December 2006	The mission held the First Workshop on Joint Research on Dry Deposition Monitoring in cooperation with PCD. Comparative studies among automatic monitor, filter-pack method and passive sampler were introduced. The air quality monitoring data in Bangkok were also introduced by Thai side.
Malaysia	10-16 December 2006	The mission visited monitoring stations for wet/dry deposition and inland aquatic environment in Danum Valley and confirmed that the sites are suitable for EANET monitoring, and monitoring on wet deposition in Danum Valley has been carried out since 2005.

Table 3: Major Activities/Outcomes of NC Technical Missions in 2007/8

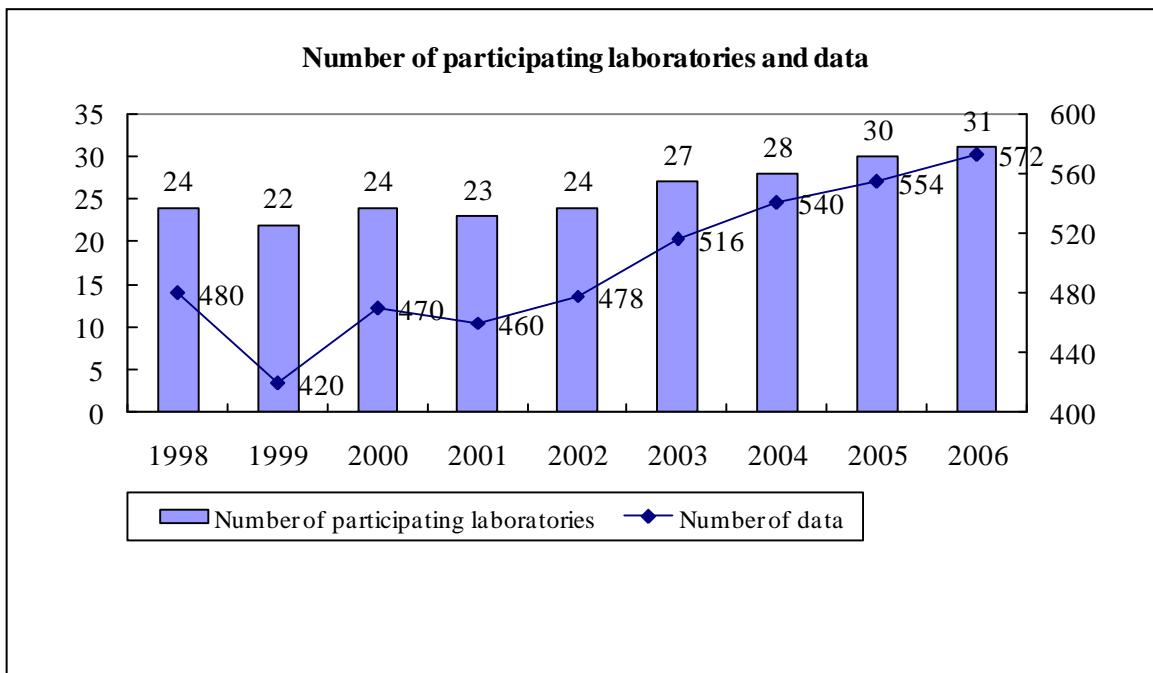
Country	Period	Major Activities/Outcomes
Republic of Korea	20-22 February 2007	The Workshop on Joint Research Project for the Measurement of Aerosol was held in NIER. In the workshop, NC and NIER gave presentations for the result of the intensive monitoring which was conducted at Jeju, Kanghwa and Niigata-maki in October 2006. It was decided that the results would be summarized and reported during coming a few month.
Indonesia	8–11 August 2007	The mission visited three candidate sites of inland aquatic environment monitoring. One of the sites, Gunung Lake, located near Skabumi city, seemed to be no influence of land use or human activity and there were no inlet river. The mission suggested that Gunung Lake is the most suitable site and requested to analyze the surface water.
Russia	16–23 September 2007	Two MOAs of joint research projects were contracted between ADORC and LIN. The mission provided the some suppliers for atmospheric monitoring to Russia. The mission agreed to recommend DG to invite Russian researcher of the Limnological Institute to Niigata, but detailed schedule would be informed by ADORC after discussion with relevant researcher in Japan.
Cambodia and Lao P.D.R.	5–12 December 2007	The mission confirmed that IC systems in Cambodia and Lao PDR installed by using EANET Secretariat savings in 2006 have been operated without any problems. And the mission provided some consumables and apparatus for IC operation to both countries during/after the mission. The mission decided to recommend DG of ADORC to support filter-pack monitoring kits ASAP to the both countries.
Thailand	16–21 December 2007	The mission and Thai side agreed that outcomes of the project on the catchment study should be shared among the EANET participating countries. The outcomes of the project will be reported at the next session of the Scientific Advisory Committee. It was announced that development of a simulation modeling on the catchment scale would be a main target.
China	17–21 December 2007	The mission confirmed that Dry deposition monitoring was conducted in the site of Xiamen with a filter-pack sampler since May 2007 and the filter-pack sampler works properly (Flow rate is 1 L/min). And SO ₂ concentration of the filter pack and a gas monitor has been compared by Xiamen City, The mission suggested Xiamen City to assemble the filter-pack holder correctly.
Myanmar	18-22 December 2007	At the “Workshop on Dissemination of Public Awareness Brochure on Acid Deposition” 30 people attended, the mission disseminated information on acid deposition issues and EANET activities. Regarding installation of equipment, the mission was informed that JICA might offer some equipment to DMH as one of the following-up activities of JICA.
Malaysia	4–10 January 2008	The mission confirmed that monitoring activities are very well managed by MMD and DOC in cooperation with MNRE, NFPs. The mission visited the candidate study site for the joint research project on the catchment analysis, Danum Valley Conservation Area, and discussed the detailed plan.
Philippines	14–18 January 2008	The mission discussed flagged concentrations of Inter-lab project in 2006 with EMB. As for NH ₄ ⁺ , the mission advised that it could be easy for them to use IC rather than spectrophotometer to solve this problem. The mission provided some consumables for wet/dry deposition monitoring.
Viet Nam	17–21 March 2008	The mission confirmed that the “Master plan of the monitoring network of Viet Nam up to 2020” was approved by the Prime Minister. It includes the monitoring network of VEPA and NCHM.
Republic of Korea	18-20 March 2008	In the Workshop on Joint Research Project, the results of NIER and ADORC were introduced. The results of the monitoring at Niigata showed close values among four kinds of methods. Future plan of the project was also discussed.

Annex F

Table 1: Results from the inter-laboratory comparison projects (1998 – 2006)



Flag "E" was applied to data that exceed the DQOs by a factor less than 2 ($\pm 15\% \sim \pm 30\%$)
Flag "X" was applied to data that exceed the DQOs by more than a factor of 2 (<-30% or >30%).



Annex G

Table 1: Individual Training Program at ADORC

Year	Number of Participants	Countries	Training Provided
1998	2	Thailand, Russia	Filter-pack monitoring
1999	10	China (9), Indonesia	Training on EANET
2000	4	Philippines, Russia, Thailand (2)	Training on EANET/ Wet and dry deposition monitoring, data management
2001	6	Indonesia (3), Malaysia, Philippines, Viet Nam	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management
2002	6	China (2), Indonesia, Mongolia, Philippines, Thailand	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management
2003	6	Cambodia, China, Lao PDR, Thailand (2), Viet Nam	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management/EANET activities
2004	5	Cambodia, China, Lao PDR, Malaysia, Philippines	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management
2005	6	Cambodia, China, Indonesia, Lao PDR, Thailand, Viet Nam	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management
2006	2	Cambodia, Lao PDR	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management
2007	5	Cambodia, China, Indonesia, Lao PDR, Malaysia	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management
2008	5	Cambodia, China, Lao PDR, Myanmar, Viet Nam	Wet and dry deposition, soil and vegetation, inland aquatic environment monitoring and data management
Total	57		

Table 2: JICA Country/Area Focused Training Course on Acid Deposition Monitoring (NC collaboration with JICA)

Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Total
Cambodia	1		1	1	1	1	1	1	1	1	1	10
China	1	1	1	1	1		1	1	1	1	1	10
Indonesia	2		1	1	1		1	1	1	1	1	11
Lao PDR		1			1	1	1	1	1	1	1	8
Malaysia	1	1	2	1	2	2	1	1	1	1	1	14
Mongolia	1	1	1	1	1	1	1	1	1	1	1	11
Myanmar								1	1	1	1	10
Philippines	1	1	1	1	1	1	1	1	1	1	1	11
R. of Korea	1	1										2
Russia												0
Thailand	1	1		1	1	1	2	1	1	1	1	11
Viet Nam		1	1	1	1	1	1	1	1	1	1	10
Total	9	9*	8	8	10	9	10	10	10	10	10	103*

* Note: These figures included one trainee from India.

Table 3: JICA Third Country Training Course on Acid Deposition Monitoring and Assessment in Thailand (NC collaboration with JICA and Pollution Control Department Thailand)

Year	2004	2005	2006	2007	2008	Total
Cambodia	2	3	2	2	3	12
China	2	2	2	1	1	8
Indonesia		1	3	3		7
Lao PDR	2	2	2		3	9
Malaysia		2	1	1		4
Mongolia	2	2	3	1	2	10
Myanmar		2	2	3	2	9
Philippines		1	1		2	4
R. of Korea						0
Russia						0
Thailand	6	4	6	6	6	28
Viet Nam	4	3	2	2	3	14
Total	18	22	24	19	22	105

Table 4: Dispatch of Experts to the National Training Programs (Seminars, Training Courses and Workshops)

Year	Name of Training Program	Countries
2001	Technical Seminar on Acid Deposition and Sulfur Dioxide Monitoring (JICA)	China
2002	National Training on Acid Deposition Monitoring	Thailand
2002	Training on Monitoring Transboundary Air Pollution (Male Declaration/UNEP RRC.AP)	Thailand
2002	Technical Training Seminar on Acid Deposition (JICA)	China
2003	In-country Training on Acid Deposition Monitoring (JICA)	Indonesia
2003	Annual Workshop on EANET	China
2003	Monitoring and Control Techniques of Acid Rain and Sulfur Dioxides (JICA)	China
2003	Acid Deposition Monitoring Seminar (JICA)	China
2004	Monitoring and Control Techniques of Acid Rain and Sulfur Dioxides (JICA)	China
2004	Acid Deposition Monitoring Seminar (JICA)	China
2005		
2006	Annual Workshop on EANET	China
2006	Public Awareness Workshop on Acid Deposition	Lao PDR
2006	Public Awareness Workshop on Acid Deposition	Cambodia
2007	Workshop on dissemination of Public Awareness Brochure on Acid Deposition	Myanmar

Annex H

Table 1: Joint Research Activities with Member Countries

Year	Country	Research Objectives	Funding Source
1998-	Russia	To improve monitoring methodology and monitor acid deposition as well as heavy metals and lead isotope ratio in the frigid zone.	Ministry of the Environment, Japan
1999-2005	Thailand	To investigate the concentration of air pollutants and dry deposition velocities above specific surface of tropical zone.	ADORC/AEON Fund
2001-	Mongolia	To investigate plant sensitivity to acid deposition in the (sub-) arid zone in Mongolia. Concentrations of the air pollutants have been also monitored.	ADORC/Ministry of the Environment, Japan
2005-	Thailand/ Malaysia	To estimate the ecological effects of acidic deposition on tropical seasonal forested catchment in Thailand and Malaysia based on the measurement of elemental budget, etc.	Ministry of the Environment, Japan
2005-	Thailand	To study whether there are differences in concentration of air pollutants with use of different methods (automatic monitor, filter-pack method and passive sampling method) in the tropical zone.	ADORC/AEON Fund
2005-	R. of Korea	To evaluate aerosol sampling methodology (There are two methods in this region.) and PM2.5 behavior in R. of Korea and Japan.	ADORC/NIER in R. of Korea

Annex I

Table 1: Participants of the EANET Research Fellowship Program

Year	Number of applications	Name of researcher	Country	Research Theme
2005	9 (5 countries)	Mr. Eyi Wang	China	Assessment of Ozone Variability in East Asia During Recent Years
		Ms. Arcely C. Viernes	Philippines	Determination of Unanalyzed Components in Rainwater
2006	8 (7 countries)	Ms. Bulgan Tumendemberel	Mongolia	Determination of Unanalyzed Components in Precipitation Water
		Ms. Elena Gritsan	Russia	Application of scientific climatological approach and statistical methods for optimization of EANET network
2007	6 (6 countries)	Dr. Yibing Lu	China	Comparison of Air Pollution and Acid Deposition between Two Mega-cities
		Mr. Son Anh Truong	Vietnam	Assessment of Ozone and Other Gaseous Concentrations in East Asia
Total		6		

Annex J

Table 1: Public Awareness Activities of EANET (2005-2007)

Year	Intended Audience	Activity	Number of participants
1998	School children and general public	Development of public awareness brochure (To Protect Our Common Earth) and Videotape (Acid Deposition/To Protect our Beautiful Earth)	
1999	School children and general public	Development of national public awareness brochures (with China and Thailand)	
2000	School children and general public	Development of national public awareness brochures (with Malaysia and Philippines)	
2001	School children and general public	Development of national public awareness brochures (with Indonesia and Viet Nam)	
2001	School children and general public	In-Country Workshop (in Philippines)	38
2002	School children and general public	Development of national public awareness brochure (with Mongolia)	
2002	School children and general public	In-Country Workshop (in Indonesia and Viet Nam)	Indonesia 100 Viet Nam 60
2003	School children and general public	Development of national public awareness brochure (with Russia)	
2003	School children and general public	In-Country Workshop (in Mongolia)	80
2004	School children and general public	Development of national public awareness brochures (with Cambodia)	
2004	School children and general public	In-Country Workshop (in Russia)	300
2005	School children and general public	Development of national public awareness brochure (with Lao PDR)	
2005	School children and general public	In-Country Workshop (in Cambodia)	45
2006	School teachers and NGO leaders	e-Learning Program on EANET website (Acid deposition and the Environment)	

2006	School children and general public	Development of national public awareness brochures (with Myanmar)	
2006	School children and general public	In-Country Workshop (in Lao PDR)	50
2006	Government officials and general public	Public Awareness Workshop on Acid Deposition (Lao PDR)	100
2007	School children and general public	In-Country Workshop (in Myanmar)	30
2008	School children and school teachers	Joint project to support environmental education activities on acid deposition in schools and Internet Conference (between Japan and Thailand).	350 (Internet Conference)

Table 2: EANET Public Awareness Workshop on Acid Deposition Problems (2005-2007)

Year	Intended Audience	Activity	Number of participants
2001	Participating countries	First Public Awareness Workshop on Acid Deposition Problems (Niigata)	20
2002	Participating countries, relevant officials, NGO, etc.	Second Public Awareness Workshop on Acid Deposition Problems (Beijing)	50
2003 (Feb)	Participating countries	Third Public Awareness Workshop on Acid Deposition Problems (Niigata)	30
2003 (Dec)	Participating countries, school children and general public	Fourth Public Awareness Workshop on Acid Deposition Problems (Niigata)	200
2005	Participating countries, school children and general public	Fifth Public Awareness Workshop on Acid Deposition Problems (Niigata)	300
2006	Participating countries	Sixth Public Awareness Workshop on Acid Deposition Problems (Niigata)	30
2007	Participating countries, NGO, private sectors, etc.	Seventh Public Awareness Workshop on Acid Deposition Problems (Niigata)	60
2008	Participating countries and school children, etc	Eighth Public Awareness Workshop on Acid Deposition Problems (Internet Conference for School Children in Bangkok and Niigata)	350

Annex K

Table 1: Budget and Expenditure of Core Budget Activities in 2005

Activities	Budget in 2005			Expenditures in 2005		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Central compilation, evaluation and storage of data etc.	54,000	45,000	99,000	30,117	33,075	63,192
- Data verification	52,000	42,000	94,000	29,295	28,941	58,236
- Maintenance of database	2,000	3,000	5,000	822	4,134	4,956
2. Preparation of data report	7,000	18,000	25,000	10,706	16,539	27,245
3. Dissemination of data and relevant information	10,000	10,000	20,000	4,113	20,672	24,785
- Analysis on the state of acid deposition in the region	8,000	7,000	15,000	3,291	16,538	19,829
- Development and updating of EANET website	2,000	3,000	5,000	822	4,134	4,956
4. Strengthening technical capacity in participating countries	59,000	31,000	90,000	76,024	24,807	100,831
- Fifth STM meeting	59,000	31,000	90,000	76,024	24,807	100,831
5. Implementation and coordination of QA/QC activities	40,000	12,000	52,000	14,663	28,943	43,606
- Inter-laboratory comparison surveys	37,000	10,000	47,000	13,000	24,808	37,808
- Individual questions and answers	3,000	2,000	5,000	1,663	4,135	5,798
6. Implementation of training activities	2,000	3,000	5,000	823	4,135	4,958
- Development of annual training program	2,000	3,000	5,000	823	4,135	4,958
7. Technical support to EANET meetings	100,000	42,000	142,000	28,402	90,957	119,359
- Preparation of technical documents	4,000	11,000	15,000	3,291	16,538	19,829
- Attendance at the EANET meetings	35,000	5,000	40,000	13,351	14,329	27,680
- Support for Task Forces						
(1) Task Force on Dry Deposition Monitoring	5,000	8,000	13,000	2,469	12,403	14,872
(2) Task Force on Soil and Vegetation	47,000	1,000	48,000	6,583	33,076	39,659
- Management of the network on soil/vegetation specialists	3,000	3,000	6,000	823	4,134	4,957
- Other follow-up activities of the meetings	6,000	14,000	20,000	1,885	10,477	12,362
8. Administrative works	15,000	20,000	35,000	9,062	45,480	54,542
- Communication/coordination	7,000	8,000	15,000	4,124	20,673	24,797
- Management of budget and personnel	7,000	8,000	15,000	4,115	20,673	24,788
- Miscellaneous	1,000	4,000	5,000	823	4,134	4,957
Total	287,000	181,000	468,000	173,910	264,608	438,518

Note: The revenue in the year balances with the expenditure of the year.

Table 2: Budget and Expenditure of the Additional Budget Activities in 2005

Activities	Budget in 2005			Expenditures in 2005		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Strengthening technical capacity in participating countries	112,000	78,000	190,000	98,076	53,748	151,824
- Dispatch of technical missions	74,000	36,000	110,000	67,802	24,807	92,609
- Assistance and technical support to individual countries	25,000	35,000	60,000	24,981	24,807	49,788
- Communication/coordination with donor agencies	13,000	7,000	20,000	5,293	4,134	9,427
2. Implementation of training activities	78,000	78,000	156,000	41,718	86,827	128,545
- Development of training materials, technical documents	12,000	23,000	35,000	4,155	20,672	24,827
- Assistance for national training activities	6,000	19,000	25,000	3,301	16,538	19,839
- Coordination with and support to other training programs	10,000	10,000	20,000	4,303	16,539	20,842
- Individual training at NC	40,000	20,000	60,000	28,308	24,808	53,116
- Communication/coordination with donor agencies	10,000	6,000	16,000	1,651	8,270	9,921
3. Research activities	187,000	103,000	290,000	210,365	74,424	284,789
- Research for improving monitoring methodologies	98,000	62,000	160,000	57,352	33,077	90,429
- Fellowship	3,000	7,000	10,000	826	4,135	4,961
- Joint research with Russia	34,000	10,000	44,000	37,433	8,270	45,703
- Joint research with Thailand	20,000	6,000	80,000	16,632	8,270	24,902
- Other research	32,000	18,000	50,000	98,122	20,672	118,794
4. Other activities	30,000	90,000	120,000	*212,931	33,076	*246,007
- Raising of public awareness on acid deposition problems	30,000	90,000	120,000	81,539	33,076	114,615
- Organization of EANET meetings				*131,392	0	*131,392
5. Administrative works	31,000	44,000	75,000	24,929	90,961	115,890
- Communication/coordination	13,000	17,000	30,000	14,199	37,211	51,410
- Management of budget and personnel	13,000	17,000	30,000	7,428	37,211	44,639
- Miscellaneous	5,000	10,000	15,000	3,302	16,539	19,841
Total	438,000	393,000	831,000	588,019	339,036	927,055

Note 1) The revenue in the year balances with the expenditure of the year.

2) (*) Additional direct support was provided by the Ministry of the Environment of Japan and other relevant organizations in Japan for organizing EANET meetings such as WGFD.

Table 3: Budget and Expenditure of the Core Budget Activities in 2006

Activities	Budget in 2006			Expenditures in 2006		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Central compilation, evaluation and storage of data etc.	12,000	72,000	84,000	47,074	27,917	74,991
- Data verification	9,000	70,000	79,000	45,391	24,428	69,819
- Maintenance of database	3,000	2,000	5,000	1,683	3,489	5,172
2. Preparation of data report	13,000	12,000	25,000	9,594	13,958	23,552
3. Dissemination of data and relevant information	11,000	14,000	25,000	7,428	17,447	24,875
- Analysis on the state of acid deposition in the region	5,000	10,000	15,000	5,942	13,958	19,900
- Development and updating of EANET website	6,000	4,000	10,000	1,486	3,489	4,975
4. Strengthening technical capacity in participating countries	54,000	36,000	90,000	63,283	20,938	84,221
- Fifth STM meeting	54,000	36,000	90,000	63,283	20,938	84,221
5. Implementation and coordination of QA/QC activities	46,000	26,000	72,000	33,014	27,917	60,931
- Inter-laboratory comparison surveys	44,000	23,000	67,000	31,528	24,428	55,956
- Individual questions and answers	2,000	3,000	5,000	1,486	3,489	4,975
6. Implementation of training activities	2,000	3,000	5,000	1,486	3,489	4,975
- Development of annual training program	2,000	3,000	5,000	1,486	3,489	4,975
7. Technical support to EANET meetings	61,000	51,000	112,000	60,244	56,056	116,300
- Preparation of technical documents	5,000	10,000	15,000	5,941	13,958	19,899
- Attendance at the EANET meetings	28,000	12,000	40,000	31,143	3,713	34,856
- Support for Task Forces						
(1) Task Force on Dry Deposition Monitoring	8,000	5,000	13,000	5,402	10,469	15,871
(2) Task Force on Soil and Vegetation	10,000	8,000	18,000	6,058	13,958	20,016
- Management of the network on soil/vegetation specialists	2,000	4,000	6,000	1,486	3,489	4,975
- Other follow-up activities of the meetings	8,000	12,000	20,000	10,214	10,469	20,683
8. Administrative works	3,000	16,000	19,000	14,275	24,427	38,702
- Communication/coordination	1,000	7,000	8,000	6,652	10,469	17,121
- Management of budget and personnel	1,000	7,000	8,000	6,137	,10,469	16,606
- Miscellaneous	1,000	2,000	3,000	1,486	3,489	4,975
Total	202,000	230,000	432,000	236,398	192,149	428,547

Note: The revenue in the year balances with the expenditure of the year.

Table 4: Budget and Expenditure of the Additional Budget Activities in 2006

Activities	Budget in 2006			Expenditures in 2006		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Strengthening technical capacity in participating countries	32,000	65,000	97,000	77,287	22,939	100,226
- Dispatch of technical missions	10,000	40,000	50,000	60,071	9,831	69,902
- Assistance and technical support to individual countries	22,000	15,000	37,000	12,489	9,831	22,320
- Communication/coordination with donor agencies	0	10,000	10,000	4,727	3,277	8,004
2. Implementation of training activities	50,000	73,000	123,000	35,865	62,267	98,132
- Development of training materials, technical documents	15,000	15,000	30,000	7,019	16,386	23,405
- Assistance for national training activities	5,000	15,000	20,000	5,615	13,109	18,724
- Coordination with and support to other training programs	5,000	10,000	15,000	6,997	13,109	20,106
- Individual training at NC	25,000	25,000	50,000	14,830	16,386	31,216
- Communication/coordination with donor agencies	0	8,000	8,000	1,404	3,277	4,681
3. Research activities	114,000	107,000	221,000	276,528	49,160	325,688
- Research for improving monitoring methodologies	36,000	54,000	90,000	¹ 153,602	19,663	¹ 173,265
- Fellowship	13,000	7,000	20,000	² 30,720	3,278	² 33,998
- Joint research with Russia	24,000	20,000	44,000	58,955	6,555	65,510
- Joint research with Thailand	20,000	6,000	26,000	16,318	6,555	22,873
- Other research	21,000	20,000	41,000	16,933	13,109	30,042
4. Other activities	56,000	34,000	90,000	*174,513	*29,236	*203,749
- Raising of public awareness on acid deposition problems	56,000	34,000	90,000	88,068	22,940	111,008
- Organization of meetings etc.	0	0	0	*86,444	*6,295	*92,739
5. Administrative works	3,000	49,000	52,000	32,965	62,270	95,235
- Communication/coordination	1,000	20,000	21,000	16,113	26,219	42,332
- Management of budget and personnel	1,000	20,000	21,000	12,640	26,219	38,859
- Miscellaneous	1,000	9,000	10,000	4,212	9,832	14,044
Total	255,000	328,000	583,000	597,158	225,872	823,030

Note 1) The revenue in the year balances with the expenditure of the year.

2) (*) Additional direct support was provided from the Ministry of the Environment of Japan and other relevant organizations in Japan for organizing EANET meetings such as WGFD.

3) (¹) NC received additional budget from Ministry of the Environment of Japan for catchment study research.

4) (²) The fellowship programme for 2005 was implemented in Mar-May 2006 and the programme for 2006 was implemented in Oct-Dec 2006.

Table 5: Budget and Expenditure of the Core Budget Activities in 2007

Activities	Budget in 2007			Expenditures in 2007		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Central compilation, evaluation and storage of data etc.	20,000	41,400	61,400	23,509	30,818	54,327
- Data verification	17,000	39,400	56,400	22,205	27,854	50,059
- Maintenance of database	3,000	2,000	5,000	1,304	2,964	4,268
2. Preparation of data report	12,000	13,000	25,000	30,069	11,852	41,921
3. Dissemination of data and relevant information	10,000	12,000	22,000	5,485	8,889	14,374
- Analysis on the state of acid deposition in the region	8,000	4,000	12,000	4,181	5,926	10,107
- Development and updating of EANET website	2,000	8,000	10,000	1,304	2,963	4,267
4. Strengthening technical capacity in participating countries	65,000	25,000	90,000	81,359	17,778	99,137
- STM meeting	65,000	25,000	90,000	81,359	17,778	99,137
5. Implementation and coordination of QA/QC activities	31,000	30,000	61,000	25,882	26,668	52,550
- Inter-laboratory comparison surveys	29,000	20,000	49,000	19,485	20,742	40,227
- Individual questions and answers	2,000	10,000	12,000	6,397	5,926	12,323
6. Implementation of training activities	2,000	3,000	5,000	1,304	2,964	4,268
- Development of annual training program	2,000	3,000	5,000	1,304	2,964	4,268
7. Research activities	7,000	5,000	12,000	1,304	2,964	4,268
- Research for improving monitoring methodologies	7,000	5,000	12,000	1,304	2,964	4,268
8. Technical support to EANET meetings	73,000	50,200	123,200	71,850	50,371	122,221
- Preparation of technical documents	5,000	15,000	20,000	6,004	11,852	17,856
- Attendance at the EANET meetings	25,000	15,000	40,000	38,364	8,889	47,253
- Support for Task Forces on Dry Deposition Monitoring	13,000	5,000	18,000	7,442	8,889	16,331
- Support for Task Forces on Soil and Vegetation	13,000	6,200	19,200	14,826	8,889	23,715
- Management of the network on soil/vegetation specialists	2,000	4,000	6,000	1,304	2,963	4,267
- Other follow-up activities of the meetings	15,000	5,000	20,000	3,910	8,889	12,799
9. Administrative works	5,000	27,400	32,400	13,758	26,667	40,425
- Communication/coordination	2,000	8,400	10,400	7,242	11,852	19,094
- Management of budget and personnel	2,000	6,000	8,000	3,909	8,889	12,798
- Miscellaneous	1,000	13,000	14,000	2,607	5,926	8,533
Total	225,000	207,000	432,000	254,520	178,971	433,491

Note: The revenue in the year balances with the expenditure of the year.

Table 6: Budget and Expenditure of the Additional Budget Activities in 2007

Activities	Budget in 2007			Expenditures in 2007		
	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)	Direct Exp. (US\$)	Personnel Exp. (US\$)	Total (US\$)
1. Strengthening technical capacity in participating countries	71,000	46,000	117,000	56,739	31,084	87,823
- Dispatch of technical missions	35,000	15,000	50,000	40,169	8,881	49,050
- Assistance and technical support to individual countries	32,000	30,000	62,000	12,206	20,723	32,929
- Communication/coordination with donor agencies	4,000	1,000	5,000	4,364	1,480	5,844
2. Implementation of training activities	52,500	67,500	120,000	45,835	51,806	97,641
- Development of training materials, technical documents	14,000	16,000	30,000	11,868	14,802	26,670
- Assistance for national training activities	10,000	10,000	20,000	3,906	8,881	12,787
- Coordination with and support to other training programs	7,500	7,500	15,000	6,091	11,841	17,932
- Individual training at NC	20,000	30,000	50,000	23,318	14,802	38,120
- Communication/coordination with donor agencies	1,000	4,000	5,000	652	1,480	2,132
3. Research activities	212,000	118,000	330,000	258,666	88,812	347,478
- Research for improving monitoring methodologies	58,000	51,000	109,000	100,131	29,604	129,735
- Fellowship	13,000	7,000	20,000	26,057	2,960	29,017
- Joint research with Russia	31,000	13,000	44,000	42,533	5,920	48,453
- Joint research with Thailand	16,000	10,000	26,000	22,602	17,763	40,365
- Modeling activities and emission inventories	90,000	35,000	125,000	61,464	29,605	91,069
- Other research	4,000	2,000	6,000	5,879	2,960	8,839
4. Technical support to EANET meetings	3,000	3,000	6,000	1,302	2,961	4,263
- Support for Task Forces on Soil and Vegetation	3,000	3,000	6,000	1,302	2,961	4,263
5. Other activities	41,500	42,500	84,000	75,193	20,723	95,916
- Raising of public awareness on acid deposition problems	41,500	42,500	84,000	75,193	20,723	95,916
6. Administrative works	5,000	59,000	64,000	56,217	60,395	116,612
- Communication/coordination	2,000	26,000	28,000	25,096	30,789	55,885
- Management of budget and personnel	2,000	24,000	26,000	12,522	26,645	39,167
- Miscellaneous	1,000	9,000	10,000	18,599	2,961	21,560
Total	385,000	336,000	721,000	493,952	255,781	749,733

Note: The revenue in the year balances with the expenditure of the year.

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

WORK PROGRAM AND BUDGET OF EANET IN 2009 (DRAFT)

I. INTRODUCTION

1. In order to discuss the activities and budget of the Acid Deposition Monitoring Network in East Asia (EANET), the Secretariat and the Network Center (NC) developed the Draft Work Program and Budget of EANET in 2009. This document will be revised based on the comments of the Seventh Session of the Working Group on Future Development of EANET (WGFD7) and will be submitted to the Eighth Session of the Scientific Advisory Committee (SAC8) for comments before submission to the Tenth Session of the Intergovernmental Meeting (IG10) of EANET for final approval.
2. The Secretariat budget is to be spent for the activities of the Secretariat, e.g. holding of EANET meetings, communication with the participating countries, NC, etc. and development of public awareness materials, publications of proceedings and so on. The Secretariat budget is covered by the regular budget of the Secretariat in 2009 that is to be voluntarily contributed by the participating countries.
3. NC budget is for its core budget activities and additional budget activities. The Ninth Session of the Intergovernmental Meeting (IG9) held in November 2007 agreed to the revised definition of “NC Core Budget” and “NC Additional Budget” and also approved the voluntary financial contribution from the participating countries of EANET to NC Core Budget from 2008. This is in line with the “Revised Procedure and Guideline for Voluntary Financial Contribution to EANET (EANET/IG 9/7.rev1)”.
4. Based on the Strategy on EANET Development (2006-2010) adopted at the Eighth Session of the Intergovernmental Meeting (IG8), some new activities such as “Consideration on the next Medium Term Plan for EANET (2011-2015)” and “Preparation of Second Periodic Assessment Reports on the State of Acid Deposition in East Asia” were added in the draft work program in 2009.

II. WORK PROGRAM IN 2009

5. As stated in the Strategy on EANET Development (2006-2010) the priority activities to be undertaken to achieve the main goals and objectives in the five years are as follows:
 - Improvement of implementation of all required monitoring items with necessary data completeness and accuracy;
 - Evaluation of national QA/QC programs and their implementation;

- Preparation of periodic assessment reports on the state of acid deposition;
- Studies on the establishment of a sound financial basis and the further development of EANET following the outcome of the feasibility study on an appropriate instrument;
- Discussion on promotion of modeling activities and emission inventories;
- Promotion of capacity building for model application on urban, national and regional scales;
- Establishment of the framework for reviewing substances to be monitored including other air pollutants and monitoring parameters;
- Research activities; and
- Promotion of public awareness.

6. In the year 2009, the focus will be on the following important activities subject to availability of resources:

- Preparation of the Second Periodic Report on the State of Acid Deposition in East Asia, including holding a scientific workshop to assess the accumulated dataset;
- Preparation of the next Medium Term Plan (MTP) for EANET (2011-2015);
- Continuation of research activities to develop appropriate monitoring methodologies for the East Asian region;
- Continuation of studies to evaluate the impact of acid deposition and ozone on ecosystems in East Asia;
- Revision of current EANET Technical Manuals and development of other appropriate monitoring manuals;
- Capacity building on modeling and emission inventories;
- Implementation of the capacity building workshop for policy makers;
- Public awareness activities, e.g. conduct of national workshops in the participating countries.

II-1 Activities of the Secretariat, the Network Center (NC) and the Participating Countries of EANET

(1) Secretariat

7. UNEP will continue to implement the Secretariat functions. The Secretariat will make necessary arrangement for the important meetings of EANET (Eleventh Session of the Intergovernmental Meeting (IG11), Ninth Session of Scientific Advisory Committee (SAC9), and Eighth Session of the Working Group on Future Development of EANET (WGFD8)), in cooperation with NC and the participating countries. Such arrangement includes preparation and coordination of meeting documents, communication with the host country, reporting, publication of proceedings, logistic service such as preparation for conference facilities and so on.

8. The Secretariat will make administrative and financial arrangement for EANET, such as regular communication with the National Focal Points (NFPs), contracting with the donor agencies and ADORC for NC activities and prepare the progress report and financial report in 2008 for submission to donor agencies and the participating countries.

9. The Secretariat as well as NC will promote further communication and cooperation with relevant organizations and programs relating to acid deposition such as the United Nations Economic Commission for Europe, Convention on Long-range Transboundary Air Pollution (UNECE CLRTAP) and its programmes including the Cooperative Programme for Monitoring and Evaluation of the Long Range Transmission of Air Pollutant in Europe (EMEP), International Co-operative Programme on Assessment and Monitoring of Air Pollution Effects on Forests (ICP-Forest) and their Centers (EMEP/CCC, ICP-Forest/PCC); World Meteorological Organization Global Atmospheric Watch Programme (WMO-GAW); Malé Declaration; Clean Air Initiative for Asia (CAI-Asia); National Atmospheric Deposition Program (NADP), etc.

10. The Secretariat will coordinate with NC and participating countries in developing materials for public awareness including bi-annual issue of the EANET newsletter.

11. The Secretariat in collaboration with NC and participating countries will conduct 3 national workshops in any participating countries, based on the request of National Focal Points. The Secretariat will also organize the “Capacity Building Workshop for Policy Makers of the Participating Countries” in 2009 based on the approved project proposal for UNEP funding through the Global Atmospheric Forum activities.

(2) Network Center (NC)

Central compilation, evaluation and storage of data

12. The NC will communicate with the National Centers to ensure timely submission of data, and compile, evaluate and store the monitoring data obtained through the EANET activities in 2008. Special attention will be paid to the QA/QC activities in the participating countries as well as data verification. NC in collaboration with the participating countries, will implement the activities mentioned in the Strategy on EANET Development (2006-2010) to improve the data quality by promoting SOPs for operational monitoring in the participating countries, and prepare reports on the performance of EANET monitoring in participating countries.

13. The NC will also assist SAC to start the development of the Second Report on the State of Acid Deposition in East Asia as described in the Strategy on EANET Development (2006-2010). A scientific workshop is planned in 2009.

Preparation of data report

14. The NC will prepare the draft data report for 2008, based on the data submitted by the participating countries.

Dissemination of data and relevant information

15. The NC will disseminate the EANET data in accordance with the “Procedure on Data and

Information Disclosure for EANET". Relevant scientific and technical information will be also disseminated to the participating countries, as well as to other countries, relevant organizations and individuals through the EANET website or using other means of communication as well as at regional/international meetings. Periodic updating and improvement of EANET website will be undertaken. NC will further promote easy access to monitoring data for data users.

Strengthening technical capacity in the participating countries

16. The NC will continue to dispatch technical missions to participating countries to exchange information and experiences with National Centers, National QA/QC managers and local experts, and to provide technical advice and disseminate the latest technical information. Participating countries are encouraged to organize in-country technical workshops during these technical missions.

17. The NC will organize the Tenth Senior Technical Managers' Meeting (STM10) in summer/autumn 2009 in collaboration with the Secretariat. The major objectives of this meeting are to exchange information between NC and the National Center of each country, to disseminate latest scientific and technical information, to review EANET activities of the participating countries, to clarify some important technical issues and to identify necessary activities to be carried out by the participating countries.

18. Depending on the availability of the resources and situation of operation/monitoring in the participating countries, NC will continue to provide assistance and technical support to individual participating countries. In this connection, NC will coordinate with relevant regional/international initiatives and funding agencies to maximize the use of available funds.

Implementation and coordination of QA/QC activities

19. The NC in cooperation with National Centers and QA/QC Managers of participating countries will implement the inter-laboratory comparison projects 2008 (the 11th project on wet deposition, the 10th project on soil, the 9th project on artificial surface water and the 4th project on dry deposition (filter-pack method)) as the previous years. The analytical results should be submitted by the participating laboratories not later than 29 February 2009. NC will prepare reports on the inter-laboratory comparison surveys in 2008 based on the submitted data for review by the Ninth Session of the Scientific Advisory Committee (SAC9). NC will distribute the samples for the inter-laboratory comparison surveys 2009 in November/December 2009.

20. The NC will continue to provide technical advice for the participating countries in developing national QA/QC programs including preparing standard operating procedures for all the monitoring activities, etc.

21. The NC will continue to participate in the international inter-laboratory comparison projects coordinated by the United States Geological Survey (USGS), WMO, European Monitoring and Evaluation Program (EMEP) and International Cooperative Programme on Assessment and

Monitoring of Rivers and Lakes (ICP Waters).

Implementation of training activities

22. The NC will implement the following training activities in 2009:

- Conduct survey of implementation status of national training activities in the participating countries in 2008;
- Continue developing detailed training materials, technical documents for monitoring wet deposition, dry deposition, soil and vegetation and inland aquatic environment;
- Assist national training activities by providing technical materials, dispatch technical experts;
- Organize individual training at NC (4 or 5 trainees from participating countries); and
- Capacity building activities for modeling and emission inventories.

23. The NC will utilize training programs and other technical assistance activities implemented by donor agencies to provide training for on acid deposition monitoring to member countries. NC will coordinate with donor agencies such as the Japan International Cooperation Agency (JICA) which will organize the “Training Course on the Acid Deposition Monitoring Network in East Asia” in Japan in October-December 2009 and the JICA Third Country Training Course on “Control Strategy and Mitigation Measures of Acid Deposition” in Thailand in January-February 2009 in cooperation with the Environmental Research and Training Center (ERTC), Thailand.

Research activities

24. The NC will continue research activities in 2009 to improve monitoring methodologies with particular emphasis on dry deposition and soil/vegetation monitoring and conduct the following research activities depending on availability of necessary financial resources.

- Joint research project on catchment study with Thailand, Malaysia and Japan to evaluate the elemental budget in forests and develop monitoring methodologies in forested catchments and to promote future catchment monitoring in line with the strategy paper for future directions of soil and vegetation monitoring;
- Joint research with Russia to monitor atmospheric environment in East Siberia and Primorsky region of Russia;
- Joint research project on dry deposition monitoring with Thailand to study air concentration monitoring methodologies in a tropical site (external budget);
- Joint research with Republic of Korea to improve dry deposition monitoring methodologies in order to evaluate aerosol sampling method and PM2.5 behavior in Japan and Republic of Korea;
- Collaboration with initiatives on emission inventory studies and numerical modeling such as the Model Inter-comparison Study in Asia (MICS-Asia) Phase III to study existing models and designate suitable models for the East Asian region.

25. The Task Force on Research Coordination, which had its meeting in late June 2008, has

decided to recommend to SAC the implementation of following three very high priority research projects using EANET budget. These projects are essential for improvement of the understanding of status of acidification, improvement of estimation method for dry deposition and consideration of new monitoring methodologies for dry deposition monitoring in East Asia:

- Analysis of existing data for improving the understanding of the status of acidification in East Asia;
- Studies on suitability of various low-cost methodologies, such as passive samplers, for monitoring air concentrations; and
- Aerosol deposition study in forests for improvement of estimation method for dry deposition.

26. The NC will continue to implement the EANET Research Fellowship Program in 2009. Two scientists from participating countries will be invited to conduct research at NC for 2 months in the second half of the year.

Supporting the Subsidiary Bodies under SAC

27. The NC will continue to support to the Task Forces and Expert Groups established under SAC as their Secretariat. These subsidiary bodies will meet for the second time in 2009 to review the progress of their activities:

- Task Force on Dry Deposition Monitoring;
- Task Force on Soil and Vegetation Monitoring;
- Task Force on Monitoring Instrumentation;
- Task Force on Research Coordination;
- Expert Group on Dry Deposition Flux Estimation;
- Expert Group on Preparation of Second Periodic Report on State of Acid Deposition in East Asia;
- Expert Group on Revision of Technical Manual on Wet Deposition Monitoring; and
- Expert Group on Revision of Technical Manual on Inland Aquatic Environment Monitoring.

Public Awareness Activities

28. The NC will undertake the following activities in 2009 to promote public awareness on acid deposition problems:

- Promotion of public awareness through the joint project for supporting the environmental education activities on acid deposition and organization of a workshop to exchange experiences on public awareness among participating countries, etc. if external budget is available;
- Development of printed materials (brochures, etc.) related to acid deposition issues; and
- Maintenance of e-learning course on acid deposition and providing other educational materials for internet users.

Other activities

29. The NC will maintain close communication and coordination with other regional environmental monitoring networks, international/bilateral organizations and other relevant initiatives and exchange information related to scientific and technical issues. Closer collaboration will be promoted with Task Force on Hemispheric Transport of Air Pollution (TF HTAP) on hemispheric transport issues and with WMO-GAW on global precipitation chemistry assessment.

30. The NC in cooperation with the Secretariat will also start the development of the next MTP for EANET (2011-2015) in 2009 as described in the Strategy on EANET Development (2006-2010).

(3) Participating Countries of EANET

31. The participating countries will continue to revise their national monitoring plans where appropriate based on the experiences in the previous years and comments from the Sessions of SAC. The revised plans shall be submitted to NC in accordance with the Technical Documents for EANET for discussion at STM10.

32. The participating countries will continue the acid deposition monitoring activities based on their national monitoring plans with guidance from NC. The National Centers of participating countries shall collect, check and submit their monitoring data to the NC through the NFPs before the end of June 2009.

33. The participating countries shall continue to implement the following activities in collaboration with NC:

- improve implementation of all required monitoring items with necessary data completeness and accuracy;
- make best effort to establish of new monitoring sites and ensure appropriate distribution of monitoring sites within the country;
- develop a set of Standard Operating Procedures (SOPs) for operational monitoring;
- implement dry deposition (air concentration) monitoring at their sites; and
- to consider application of less expensive monitoring methods if resources are limited.

34. The National QA/QC Managers and National Centers shall continue to implement QA/QC activities and communicate with the national laboratories on data assurance. All national laboratories to participate in the Inter-laboratory comparison projects of EANET. The results of the Inter-laboratory Comparison Project 2008 should be submitted to NC by 28 February 2009.

35. Any changes and/or nominations of NFPs, SAC members, National QA/QC Managers, National Centers in participating countries should be sent to the Secretariat in (a) written form(s).

II-2. Sessions of IG, SAC and WGFD in 2009

Eleventh Session of the Intergovernmental Meeting (IG11)

36. The Eleventh Session of the Intergovernmental Meeting (IG11) will be held in autumn 2009. Participating countries willing to host IG11 are invited to express their intention to the Secretariat. The Secretariat will discuss the date and venue of IG11 with the host country. High Level Segment (HLS) might be convened at IG11, with the decision to be based on consultation with the National Focal Points.

Eighth Session of the Working Group on Future Development of EANET

37. The Eighth Session of the Working Group on Future Development of EANET (WGFD8) will be held in early 2009. The outcomes of the WGFD Session will be reported and considered at IG11.

Ninth Session of the Scientific Advisory Committee (SAC9)

38. SAC9 will be held about approximately a month before IG11 in autumn 2009. Participating countries willing to host SAC9 to be organized in the same manner as IG11 are invited to express their intention to the Secretariat.

III. PROPOSED BUDGET IN 2009

III-1. Secretariat

39. The Secretariat regular budget in 2009 is itemized in the following categories: personnel cost; rental of premises; operating cost, which includes reporting cost, office supplies, communication, travel of staff, and meetings, national workshop and overhead. The details are provided in Table 1.

40. The proposed total budget by the Secretariat is US\$ 473,359. It is expected that the total contribution of the participating countries in 2009 will be US\$ 473,359 for the Secretariat budget.

41. IG9 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, "Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET" (EANET/IG 9/7.rev1).

42. The estimated amounts of contributions from the participating countries is presented in Table 2 if burden sharing will be applied as correspondent to the latest UN assessment scale and based on the a flat rate amount calculated from the projected budget for consecutive 3 years period (2008-2010).

43. The trend of the Secretariat budget and expenditures for 2002-2007 is presented in Annex. of this report.

III-2. Network Center

44. NC budget by core and additional budget activity is described in Table 3. The budget is estimated in line with the Revised Procedures and Guidelines for Voluntary Financial Contribution to EANET (EANET/IG 9/7.rev1) and based on the activities mentioned in the Strategy on EANET Development (2006-2010). The estimated annual budget of NC in 2009 is approximately US\$ 1,214,100 consisting of US\$ 411,100 required for the core budget activities and US\$ 803,000 required for the additional budget activities. The budget for 2009 shows a slight increase due to the proposal from the Task Force on Research Coordination of SAC to implement 3 priority research projects funded by EANET. (Ref.: paragraph 25) Table 4 shows the estimated budget for 2009 compared to the estimated budget in the past two years according to each activity. Table 5 shows the breakdown of the budget for each expenditure item.

45. Table 6 shows the trend of the budget and actual expenditure of NC for core budget activities in the past three years (2005-2007) while Table 7 shows the trend of the budget and actual expenditure of NC for additional budget activities in the past three years (2005-2007).

46. Table 8 shows the estimated budget for some additional items, such as “maintenance of ADORC building” and “additional personnel cost”, totaling US\$ 188,000. Table 9 shows the total budget for NC in 2009 of amount US\$ 1,402,100 consisting of the core and additional budget and the cost of these additional items.

47. The estimated revenue for NC in 2009 for core budget and additional budget activities is US\$ 1,225,400 comprising of US\$ 422,400 for core budget activities and US\$ 803,000 for additional budget activities as shown in Table 10. The revenue for the NC core budget activities is derived from voluntary financial contribution from participating countries in 2009 amounting to US\$396,000 and cash reserve from 2008 of amount US\$ 26,400. As agreed in IG9, the participating countries will make voluntary financial contributions to the NC core budget from 2008. The amount of voluntary contribution expected from participating countries totaling US\$ 396,000 is calculated using the latest UN scale of assessment (2007) and based on the estimated flat rate expenditure of NC for 3 years (2008-2010) (Ref.: paragraph 3). Table 11 shows the estimated contribution from the participating countries for 2009 to the NC core budget. IG9 also agreed that participating countries should make a minimum contribution amount of US\$ 50. Therefore, Cambodia, Lao PDR and Mongolia are expected to make a minimum voluntary contribution of US\$ 50 each. Countries are also encouraged to make in-kind or cash contributions, in addition to the above to support specific core budget activities of NC.

48. The NC additional budget in 2009 is expected to be contributed by the Ministry of Environment Japan, National Institute of Agro-Environmental Sciences of Japan (NIAES), Environmental Restoration and Conservation Agency of Japan (ERCA) and the host municipalities of NC. The participating countries are also encouraged to support the additional activities of NC by providing cash and/or in-kind contributions.

49. Participating countries may send their contributions to the Secretariat UNEP RRC.AP bank account or directly to the NC JESC bank account. If countries send their contribution through UNEP RRC.AP, then 5% Secretariat overhead should be included.

50. In addition, NC has estimated revenue amounting to US\$ 188,000 from the host municipalities for specific items such as maintenance of ADORC building and personnel cost as shown in Table 12. The total estimated revenue for NC is US\$ 1,413,400. This includes voluntary contributions from participating countries, contributions from the Ministry of Environment, Japan, from organizations in Japan, host municipalities of NC and private companies and cash reserve from 2008 budget (of amount US\$26,400), as shown in Table 13.

51. The estimated total revenue and expenditures of NC is shown in Table 14. There is a cash reserve of US\$ 11,300 remaining and it will be carried over to the next year's core budget as revenue of NC in 2010 from the participating countries.

Table 1 -Estimated Budget of the Secretariat in 2009 (US \$)

Items	<u>Budget in 2008</u>	<u>Budget in 2009</u>
1. Personnel Costs (include Salary, Social Security funds, Provident Fund, Tax, etc.)	157,818	152,000
2. Rental of premises (as per Contract)	30,000	30,000
3. Operating Costs		
3.1 Reporting Costs (i.e., printing of Summary and Proceedings, Newsletter, etc)	10,000	12,000
3.2 Office Supplies	2,000	1,818
3.3 Communication	11,000	11,000
3.4 Travel of Staff for meetings (expenses include airfare and DSA)	10,000	15,000
3.5 Meetings (including PTA tickets and DSA, venue, food, accommodation, logistics, etc.)		
- Session of the Working Group on Future Development of EANET	55,000	57,000
- Session of the Scientific Advisory Committee (SAC)	54,000	57,000
- Session of the Intergovernmental Meeting (IG)	51,000	55,000
Participation in high level meeting	20,000	20,000
Fellowship Program at NC	20,000	20,000
Arranging National Workshop on Public Awareness		20,000
Development of Report for Policy Makers	30,000	
Sub total	450,818	450,818
Overhead (5% of sub total)	22,540.90	22,540.90
Total	\$473,359	\$473,359

Table 2- Estimated amounts of contributions in 2009 from the participating countries to the Secretariat budget, if burden sharing will be applied as correspondent to the latest UN assessment scale

Country	UN scale of assessment 2007 (%)	Scale of EANET burden sharing (%)	Estimated contribution (US \$) in 2009
Cambodia	0.001	0.004	19*
China	2.667	11.441	54,157
Indonesia	0.161	0.691	3,271
Japan	16.624	71.314	337,571
Lao PDR	0.001	0.004	19*
Malaysia	0.190	0.815	3,858
Mongolia	0.001	0.004	19*
Myanmar	0.005	0.021	99
Philippines	0.078	0.335	1,586
Republic of Korea	2.173	9.322	44,127
Russia	1.200	5.148	24,368
Thailand	0.186	0.798	3,777
Viet Nam	0.024	0.103	488
Total	23.311	100.000	473,359

* Cambodia, Lao PDR and Mongolia are expected to make a minimum contribution of US\$ 50 based on IG9 decision. (Ref.: EANET/IG 9/7.rev1 Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET)

Table 3 Estimated budget for the Network Center in 2009

Activity item	Man/ Month	Total (US\$)	Core Budget	Additional Budget
1. Central compilation, evaluation and storage of data etc.	8.4	84,900	84,900	
Data verification and preparation of the Second Periodic Report on the State of Acid Deposition in East Asia including Scientific Workshop	7.4	74,900	74,900	
Maintenance of database	1	10,000	10,000	
2. Preparation of data report	4	25,000	25,000	
3. Dissemination of data and relevant information	3	22,000	22,000	
Analysis on the state of acid deposition in the region	2	12,000	12,000	
Development and updating of EANET website	1	10,000	10,000	
4. Strengthening technical capacity in participating countries	13.5	189,000	90,000	99,000
Dispatch of technical missions	3	50,000		50,000
STM Meeting	6	90,000	90,000	
Assistance and technical support to individual countries	4	44,000		44,000
Communication/coordination with donor agencies	0.5	5,000		5,000
5. Implementation and coordination of QA/QC activities	6	43,000	43,000	
Inter-laboratory comparison surveys	4	31,000	31,000	
Individual questions and answers	2	12,000	12,000	
6. Implementation of training activities	18.5	125,000	5,000	120,000
Development of annual training program	1	5,000	5,000	
Development of training materials, technical documents	5	30,000		30,000
Assistance for national training activities	3	20,000		20,000
Coordination with and support for other training programs	4	15,000		15,000
Individual training at NC	5	50,000		50,000
Communication/coordination with donor agencies	0.5	5,000		5,000
7. Research activities	19	344,000		344,000
Research for improving monitoring methodologies	8	90,000		90,000
High priority research projects	3	130,000		130,000
Fellowship	1	20,000		20,000
Joint research with Russia	1	18,000		18,000
Modeling activities and emission inventories	6	86,000		86,000
Other research				
8. Technical support for EANET meetings	20	143,200	117,200	26,000
Preparation of technical documents	4	20,000	20,000	
Attendance to the EANET meetings	3	40,000	40,000	
Support for Task Forces and Expert Groups	9	57,200	57,200	
Other follow-up activities of the meetings	4	26,000		26,000
9. Other activities (Raising public awareness)	11	134,000		134,000
Supporting environmental education, RPM2, etc.	7	86,000		86,000
Workshop on exchange of experiences	4	48,000		48,000
10. Administrative works	32	104,000	24,000	80,000
Communication/coordination	13	40,000		40,000
Management of budget and personal affairs	11	34,000		34,000
Preparation of Second Medium Term Plan (MTP) and others	8	30,000	24,000	6,000
Total	135.4	1,214,100	411,100	803,000

**Table 4 Comparison of the Network Center Draft Total Budget in 2009
with the total budget in the past 2 years (By activity)**

Activities	Budget 2007(\$)	Budget 2008(\$)	Budget 2009(\$)*
1. Central compilation, evaluation and storage of data etc.	61,400	57,400	84,900
Data verification, preparation of the Second Periodic Report on the State of Acid Deposition in East Asia including Scientific Workshop	56,400	37,400	74,900
Maintenance of database	5,000	20,000	10,000
2. Preparation of data report	25,000	25,000	25,000
3. Dissemination of data and relevant information	22,000	22,000	22,000
Analysis on the state of acid deposition in the region	12,000	12,000	12,000
Development and updating of EANET website	10,000	10,000	10,000
4. Strengthening technical capacity in participating countries	207,000	207,000	189,000
Dispatch of technical missions	50,000	50,000	50,000
STM Meeting	90,000	90,000	90,000
Assistance and technical support to individual countries	62,000	62,000	44,000
Communication/coordination with donor agencies	5,000	5,000	5,000
5. Implementation and coordination of QA/QC activities	61,000	43,000	43,000
Inter-laboratory comparison surveys	49,000	31,000	31,000
Individual questions and answers	12,000	12,000	12,000
6. Implementation of training activities	125,000	125,000	125,000
Development of annual training program	5,000	5,000	5,000
Development of training materials, technical documents	30,000	30,000	30,000
Assistance for national training activities	20,000	20,000	20,000
Coordination with and support for other training programs	15,000	15,000	15,000
Individual training at NC	50,000	50,000	50,000
Communication/coordination with donor agencies	5,000	5,000	5,000
7. Research activities	342,000	322,000	344,000
Research for improving monitoring methodologies	121,000	160,000	90,000
High priority research projects			130,000
Fellowship	20,000	20,000	20,000
Joint research with Russia	44,000		18,000
Joint research with Thailand	26,000	18,000	
Modeling activities and emission inventories	125,000	124,000	86,000
Other research	6,000		
8. Technical support for EANET meetings	129,200	147,200	143,200
Preparation of technical documents	20,000	20,000	20,000
Attendance to the EANET meetings	40,000	40,000	40,000
Support for Task Forces and Expert Groups	49,200	67,200	57,200
Other follow-up activities of the meetings	20,000	20,000	26,000
9. Other activities (Raising public awareness)	84,000	134,000	134,000
Development of brochures/supporting environmental education etc.	36,000	86,000	86,000
Workshop on exchange of experiences	48,000	48,000	48,000
10. Administrative works	96,400	87,800	104,000
Communication/coordination	38,400	42,800	40,000
Management of budget and personal affairs	34,000	27,000	34,000
Miscellaneous including preparation of Second Medium Term Plan (MTP)	24,000	18,000	30,000
Total	1,153,000	1,170,400	1,214,100

* Budget in 2009 is draft.

Table 5 Estimated budget for the Network Center in 2009 (By expenditure item)

Expenditure item	Core Budget (US\$)	Additional Budget (US\$)	Total (US \$)
Salary of staff members	217,700	316,000	533,700
External consultants/assistants	28,000	68,000	96,000
Travel costs	25,000	108,500	133,500
Meetings	109,000	70,000	179,000
Communication	12,000	42,000	54,000
Reporting (publication)	6,500	15,000	21,500
Equipment	4,000	96,000	100,000
Consumables	8,900	81,500	90,400
Miscellaneous	0	6,000	6,000
TOTAL	411,100	803,000	1,214,100

Table 6 Trend of the Network Center budget and expenditures in 2005 - 2007
- Core budget activities -

Activity item	2005		2006		2007	
	Budget (\$)	Exp. (\$)	Budget (\$)	Exp. (\$)	Budget (\$)	Exp. (\$)
1. Central compilation, evaluation and storage of data etc.	99,000	63,192	84,000	74,991	61,400	54,327
Data verification including Periodic Report on the State of Acid Deposition in East Asia	94,000	58,236	79,000	69,819	56,400	50,059
Maintenance of database	5,000	4,956	5,000	5,172	5,000	4,268
2. Preparation of data report	25,000	27,245	25,000	23,552	25,000	41,921
3. Dissemination of data and relevant information	20,000	24,785	25,000	24,875	22,000	14,374
Analysis on the state of acid deposition in the region	15,000	19,829	15,000	19,900	12,000	10,107
Development and updating of EANET website	5,000	4,956	10,000	4,975	10,000	4,267
4. Strengthening technical capacity in participating countries	90,000	100,831	90,000	84,221	90,000	99,137
STM Meeting	90,000	100,831	90,000	84,221	90,000	99,137
5. Implementation and coordination of QA/QC activities	52,000	43,606	72,000	60,931	61,000	52,550
Inter-laboratory comparison surveys	47,000	37,808	67,000	55,956	49,000	40,227
Individual questions and answers	5,000	5,798	5,000	4,975	12,000	12,323
6. Implementation of training activities	5,000	4,958	5,000	4,975	5,000	4,268
Development of annual training program	5,000	4,958	5,000	4,975	5,000	4,268
7. Research activities					12,000	4,268
Research for improving monitoring activities					12,000	4,268
8. Technical support for EANET meetings	142,000	119,359	112,000	116,300	123,200	122,221
Preparation of technical documents	15,000	19,829	15,000	19,899	20,000	17,856
Attendance to the EANET meetings	40,000	27,680	40,000	34,856	40,000	47,253
Support for Task Force on Dry Deposition Monitoring	13,000	14,872	13,000	15,871	18,000	16,331
Support for Task Force on Soil and Vegetation	48,000	39,659	18,000	20,016	19,200	23,715
Management of the network on soil/vegetation specialists	6,000	4,957	6,000	4,975	6,000	4,267
Other follow-up activities of the meetings	20,000	12,362	20,000	20,683	20,000	12,799
9. Administrative works	35,000	54,542	19,000	38,702	32,400	40,425
Communication/coordination	15,000	24,797	8,000	17,121	10,400	19,094
Management of budget and personal affairs	15,000	24,788	8,000	16,606	8,000	12,798
Miscellaneous	5,000	4,957	3,000	4,975	14,000	8,533
Total	468,000	438,518	432,000	428,547	432,000	433,491

(Note) The revenue in those years balances with the expenditure of each year.

Table 7 Trend of the Network Center budget and expenditures in 2005 - 2007
- Additional budget activities -

Activity item	2005		2006		2007	
	Budget (\$)	Exp. (\$)	Budget (\$)	Exp. (\$)	Budget (\$)	Exp. (\$)
1. Strengthening technical capacity in participating countries	190,000	151,824	97,000	100,226	117,000	87,823
Dispatch of technical missions	110,000	92,609	50,000	69,902	50,000	49,050
Assistance and technical support to individual countries	60,000	49,788	37,000	22,320	62,000	32,929
Communication/coordination with donor agencies	20,000	9,427	10,000	8,004	5,000	5,844
2. Implementation of training activities	156,000	128,545	123,000	98,132	120,000	97,641
Development of training materials, technical documents	35,000	24,827	30,000	23,405	30,000	26,670
Assistance for national training activities	25,000	19,839	20,000	18,724	20,000	12,787
Coordination with and support for other training programs	20,000	20,842	15,000	20,106	15,000	17,932
Individual training at NC	60,000	53,116	50,000	31,216	50,000	38,120
Communication/coordination with donor agencies	16,000	9,921	8,000	4,681	5,000	2,132
3. Research activities	290,000	284,789	221,000	325,688	330,000	347,478
Research for improving monitoring methodologies	160,000	90,429	90,000	173,265	109,000	129,735
Fellowship	10,000	4,961	20,000	33,998	20,000	29,017
Joint research with Russia	44,000	45,703	44,000	65,510	44,000	48,453
Joint research with Thailand	26,000	24,902	26,000	22,873	26,000	40,365
Modeling activities and emission inventories					125,000	91,069
Other research	50,000	118,794	41,000	30,042	6,000	8,839
4. Technical support for EANET meetings					6,000	4,263
Support for Task Force on Soil and Vegetation					6,000	4,263
5. Other activities	120,000	*246,007	90,000	*203,749	84,000	95,916
Development of brochures etc.	40,000		30,000		36,000	
Workshop on exchange of experiences	80,000	114,615	60,000	111,008	48,000	95,916
Organization of meetings etc.	0	*131,392	0	*92,739		
6. Administrative works	75,000	115,890	52,000	95,235	64,000	116,612
Communication/coordination	30,000	51,410	21,000	42,332	28,000	55,885
Management of budget and personal affairs	30,000	44,639	21,000	38,859	26,000	39,167
Miscellaneous	15,000	19,841	10,000	14,044	10,000	21,560
Total	831,000	927,055	583,000	823,030	721,000	749,733

(Note) The revenue in three years balances with the expenditure of each year.

(*) These figures include the cost for organizing EANET meetings such as WGFD with additional direct support from Ministry of the Environment of Japan and other relevant organizations in Japan.

Table 8 Estimated budget for the Network Center in 2009 (For some specific items, such as maintenance of ADORC building, etc.)

Items	Budget (US\$)
1. Maintenance of ADORC building	75,000
2. Additional personnel cost	97,000
3. Non-reimbursable personnel cost (in-kind)	16,000
Total	188,000

Table 9 Total budget for the Network Center in 2009

Items	Core Budget (US\$)	Additional Budget (US\$)	Total (US\$)
1. NC core and additional budget activities 2. Maintenance of ADORC building, etc.	411,100	803,000	1,214,100 188,000
Total	411,100	803,000	1,402,100

Table 10 Estimated Revenue for the Network Center in 2009

Organizations / Purpose	Fund Contribution (US\$)		
	Core Budget	Additional Budget	Total
- Contribution from the participating countries for NC core budget	(※) 396,000		(※) 396,000
- Ministry of the Environment, Japan (Contract-1)		499,500	499,500
Additional Budget Activities		499,500	499,500
- Ministry of the Environment, Japan (Contract-2)		169,000	169,000
4. Strengthening technical capacity in participating countries			
- Dispatch of technical missions		50,000	50,000
7. Research activities			
- Research for improving monitoring methodologies		33,000	33,000
- Modeling activities and emission inventories		86,000	86,000
- National Institute for Agro-Environmental Sciences		77,000	77,000
7. Research activities			
- Research for improving monitoring methodologies		77,000	77,000
- Environmental Restoration and Conservation Agency (if possible)		53,000	53,000
9. Other activities			
- Raising of public awareness on acid deposition problems		53,000	53,000
- Niigata Prefecture		3,000	3,000
- Niigata City		1,500	1,500
- Cash reserve of 2008 (for core budget activities)	26,400		26,400
Total	422,400	803,000	1,225,400

Note: (※) If participating countries send their contribution through UNEP RRC.AP, then “5% Secretariat overhead” should be included.

Table 11 Estimated amounts of contributions from the participating countries for NC Core Budget in 2009

<u>Country</u>	UN scale of assessment 2007 (%)	Scale of EANET burden sharing (%)	Estimated contribution for 2008 (US \$)
Cambodia	0.001	0.004	17*
China	2.667	11.441	45,306
Indonesia	0.161	0.691	2,735
Japan	16.624	71.314	282,403
Lao PDR	0.001	0.004	17*
Malaysia	0.190	0.815	3,228
Mongolia	0.001	0.004	17*
Myanmar	0.005	0.021	85
Philippines	0.078	0.335	1,325
Republic of Korea	2.173	9.322	36,914
Russia	1.200	5.148	20,385
Thailand	0.186	0.798	3,160
Viet Nam	0.024	0.103	408
Total	23.311	100.000	396,000

*Cambodia, Lao PDR and Mongolia are expected to make a minimum contribution of US\$ 50 based on IG9 decision. (Ref.: EANET/IG 9/7.rev1 Revised Procedures and Guidelines for Voluntary Financial Contributions to EANET)

Table 12 Estimated revenue for the Network Center in 2009 (For specific items such as maintenance of ADORC building, etc.)

Organizations / Items	Revenue (US\$)
- Niigata Prefecture	
Maintenance of ADORC building	172,000
Additional personnel cost	75,000
- Niigata City	97,000
Non-reimbursable personnel cost (in-kind)	16,000
Total	188,000

Table 13 Total estimated revenue for the Network Center in 2009

Items	Core Budget (US\$)	Additional Budget (US\$)	Total (US\$)
1. From participating countries for NC core budget activities.	396,000		396,000
2. From MOE of Japan, NIAES, ERCA, Niigata Prefecture, etc. for NC additional budget activities		803,000	803,000
3. Cash reserve from 2008 budget	26,400		26,400
4. Other specific contributions from host municipalities for maintenance of ADORC building, etc.			188,000
Total	422,400	803,000	1,413,400

Table 14 Balances between estimated revenue and budget for the Network Center in 2009

Items	Revenue (US\$)	Budget (US\$)	Cash reserve (US\$)
1. NC Core budget activities	422,400	411,100	11,300
2. NC Additional budget activities	803,000	803,000	0
3. Other specific items such as maintenance of ADORC building, etc.	188,000	188,000	0
Total	1,413,400	1,402,100	11,300

ANNEX

Trend of the Secretariat budget and expenses in US \$ from 2002 to 2007

Item	2002		2003		2004		2005		2006		2007	
	Budget	Expenses	Budget	Expenses	Budget	Expenses	Budget	Expenses	Budget	Expenses	Budget	Expenses
Personnel cost	71,350.00	12,674.99	126,700.00	76,518.00	116,700	85,311	95,000	93,695	103,065	79,722	113,370	80,811
Rental of premises as per Contract	30,000.00	30,000.00	30,000.00	30,000.00	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Operating Cost												
-Furniture and Fixtures	9,000.00	90,732.82										
-Purchase equipment of Secretariat	31,000.00	30,583.11										
-Preparation of proceedings and reporting	5,000.00	29.42	5,000.00	4,204.00	8,000	3,927	8,000	6,157	4,000	4,626	3,000	13,571
-Purchase of office supplies	3,000.00	1,123.80	3,000.00	1,802.00	5,000	648	4,000	1,624	1,000	836	1,000	607
-Communication	10,000.00	417.51	10,000.00	3,934.00	10,000	4,729	5,000	5,267	2,000	14,724	2,000	12,833
-Participation of EANET Staff to meetings	30,000.00	2,708.42	34,000.00	9,606.00	42,000	29,114	20,000	28,351	6,200	5,402	8,000	7,074
Meetings: Sub-total	149,760.00	32,828.92	150,000.00	56,696.00	120,000	151,307	110,000	108,078	108,685.4	113,571	156,739	150,189
-Working Group Meeting		15,376.93		16,815.00		29,582	30,000	25,894	26,626	25,438	54,000	46,090
-SAC and IG		17,451.99		39,881.00		121,725	45,000	46,887	31,290	30,218	52,000	59,082
Other meeting cost							40,000	35,297	50,769.4	49,151	50,739	46,004
Contingency	33,911.00		35,870.00		33,170	10,955				313		
Overhead (5%)	16,955.50	16,955.50	19,728.50	19,728.50	18,244		13,850	13,658.6	12,747.52	12,444	15,705	14,754
Total	389,976.5	136,395.4	414,298.5	202,488.5	383,114	329,814	290,850	286,830.6	267,698	261,327	329,814	309,839

*Air ticket refund for SAC4 and IG6

** Air ticket refund for SAC6

The Seventh Session of the Working Group
on Future Development of EANET
29-31 July 2008, Pathumthani, Thailand

ACTIVITIES OF THE WORKING GROUP ON FUTURE DEVELOPMENT (WGFD) AFTER 2008 (DRAFT)

1. In line with the decision at the Fifth Session of the Intergovernmental Meeting (IG5) on Acid Deposition Monitoring Network in East Asia (EANET) held in Pattaya, Thailand, on 27-28 November 2003, the Working Group on Future Development of EANET (hereinafter referred to as the “WGFD”) is established on an ad hoc basis.
2. Upon the expiration of Terms of Reference (TOR) for 2004-2006 adopted by the Sixth Session of the Intergovernmental Meeting (IG6), a new TOR of the WGFD was adopted in 2006 by the Eighth Session of the Intergovernmental Meeting (IG8) for the period 2007-2008.
3. There are still remaining tasks relating to future development of EANET after 2008 and the WGFD is hereby proposed to continue its tasks under the guidance of the Intergovernmental Meeting (IG). In particular, the WGFD should oversee the preparation of two important documents for future development of EANET namely the Medium Term Plan (2011-2015) and Report for Future Development of EANET, both of which should be implemented in 2009-2010 under the Strategy on EANET Development (2006-2010).
4. Under the guidance of the Intergovernmental Meeting, the WGFD will:
 - (i) Conduct follow up activities on the decisions of IG10 relating to the Instrument to Provide a Sound Basis for Financial Contribution for EANET;
 - (ii) Review the performance of the Secretariat and the Network Center (NC) in the period 2008-2010, including financial aspect, for future development of EANET and submit the review report to IG13 in 2011;
 - (iii) Based on the outcomes of the discussions on the Instrument, to develop a mechanism for financing the Secretariat and NC activities after 2010;
 - (iv) Guide the Secretariat and NC to carry out capacity building activities;
 - (v) Review and approve priority projects for submission to donor agencies, monitor each phase of implementation, and review progress reports for approval of IG;
 - (vi) Review of the Strategy on EANET Development (2006-2010);
 - (vii) Develop the next Medium Term Plan (2011-2015) in 2009-2010 in collaboration with the Scientific Advisory Committee (SAC);
 - (viii) Prepare the Report for Future Development of EANET in 2009-2010 as mentioned in the Strategy on EANET Development (2006-2010); and
 - (ix) Carry out other tasks as requested by IG.

5. The tentative schedules of the WGFD Sessions in the 4 years after 2008 are as follows:

2009-2010

- (i) Eighth Session of the WGFD: May – June 2009
- Conduct follow-up activities on the decisions of IG10 relating to the Instrument
 - Discuss the next Medium Term Plan (2011-2015)
Review and approve priority projects for submission to donor agencies, monitor each phase of implementation, and review progress reports for approval of IG11
Discuss the draft Report for Future Development of EANET as mentioned in the Strategy on EANET Development (2006-2010)
 - Discuss and approve capacity building activities proposed by the Secretariat and NC
 - Discuss the documents/reports for submission to IG11
- (ii) Ninth Session of the WGFD: May- June 2010
- Conduct follow-up activities on the decisions of IG11 relating to the Instrument
 - Review the final draft of the Medium Term Plan (2011-2015) for approval of IG12
 - Review and approve priority projects for submission to donor agencies, monitor each phase of implementation, and review progress reports for approval of IG12
 - Based on the outcomes of the discussions on the Instrument, to develop a mechanism for financing the Secretariat and NC activities after 2010 for approval of IG12
 - Review the final draft Report for Future Development of EANET as mentioned in the Strategy on EANET Development (2006-2010) for submission to IG12
 - Discuss and approve capacity building activities proposed by the Secretariat and NC
 - Discuss the documents/reports for submission to IG12

2011-2012

- (iii) Tenth Session of the WGFD: mid 2011
- Review the outcomes of the Strategy on EANET Development (2006-2010)
 - Review the performance of the Secretariat and NC during the year 2008-2010 and submit a review report to IG13
 - Review and approve priority projects for submission to donor agencies, monitor each phase of implementation, and review progress reports for approval of IG13
 - Discuss and approve capacity building activities proposed by the Secretariat and NC
 - Discuss the documents/reports for submission to IG13
- (iv) Eleventh Session of the WGFD: mid 2012
- Review the draft final Periodic Report on the State of Acid Deposition in East Asia submitted by SAC for approval of IG14
 - Review and approve priority projects for submission to donor agencies, monitor each phase of implementation, and review progress reports for approval of IG14
 - Discuss and approve capacity building activities proposed by the Secretariat and NC
 - Discuss the documents/reports for submission to IG14

- Discuss and prepare draft TOR of WGFD after 2012 for approval of IG14
6. IG10 may wish to discuss and recommend additional tasks of the WGFD, as appropriate. As the financial arrangements for EANET and the scope of activities may change after 2010 as a result of current discussions on the Instrument etc., it is proposed that IG14 in 2012 review and discuss the tasks of the WGFD after 2012.

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LIST OF DOCUMENTS

EANET/WGFD 7/2/1	Agenda
EANET/WGFD 7/2/2	Annotated Agenda
EANET/WGFD 7/2/3	Program
EANET/WGFD 7/3/1	Draft Text of the Instrument to Provide a Sound Basis for Contribution to EANET
EANET/WGFD 7/3/2	Report of the Working Group on Future Development (WGFD) for the Tenth Session of the Intergovernmental Meeting of EANET (IG10) on the Instrument to Provide a Sound Basis for Contribution to EANET (Draft)
EANET/WGFD 7/4/1	Report on the Progress of EANET since the Ninth Session of the Intergovernmental Meeting (IG9)
EANET/WGFD 7/4/2	Financial Report of the Secretariat and Network Center in 2007
EANET/WGFD 7/5/1	Draft Report on the Review of Performance of the Secretariat (2005-2007)
EANET/WGFD 7/5/2	Draft Report on the Review of Performance of the Network Center (2005-2007)
EANET/WGFD 7/6	Draft Work Program and Budget in 2009 for EANET
EANET/WGFD 7/7	Activities of the Working Group on Future Development (WGFD) after 2008
EANET/WGFD 7/inf.1	List of Documents