

The Second Session of the Working Group
on Future Development of EANET
20-21 June 2005, Bangkok, Thailand

REPORT OF THE SESSION

I. Introduction

1. The Second Session of the Working Group on Future Development (WGFD2) of Acid Deposition Monitoring Network in East Asia (EANET) was held in Bangkok, Thailand on 20-21 June 2005.
2. Representatives of Cambodia, China, Indonesia, Japan, Lao PDR, Malaysia, Mongolia, Philippines, Republic of Korea, Russia, Thailand, and Viet Nam participated in the Session. The representatives of the Secretariat and the Network Center (NC) for EANET, as well as experts from international organizations, namely: the United Nations University Institute of Advanced Studies (UNU/IAS) and the United Nations Environment Programme Regional Resource Center for Asia and the Pacific (UNEP RRC.AP) also attended the Session. The List of Participants is attached as Annex I.

II. Opening of the Meeting (Agenda Item 1)

3. The session was opened by Mr. Surendra Shrestha, Regional Director, United Nations Environment Programme (UNEP). In his opening address, Mr. Shrestha pointed out that this year could be a milestone of the EANET history to consider its future. He introduced global actions such as the UN Summit to review the progress of the Millennium Development Goals and G8 Summit in UK, in which climate change will be among the major topics. He highlighted the relationship between acid deposition and climate change, food security, energy and health and requested the participating countries to discuss the agenda items, taking into account the broad perspectives on global initiatives.

III. Election of the Officers (Agenda Item 2)

4. Dr. Supat Wangwongwatana, Deputy Director General, Pollution Control Department, Thailand was elected as Chairperson and Ms. Keiko Segawa, Deputy Director, Global Environment Issues Division, Global Environment Bureau, Ministry of the Environment, Japan and Dr. Vu Van Tuan, Deputy Director, Institute of Meteorology and Hydrology, Ministry of Natural Resources and Environment, Vietnam, were elected as Vice-chairpersons for the Working Group for three years from its First Session.

IV. Adoption of the Agenda (Agenda Item 3)

5. The Session adopted the Agenda as proposed by the Secretariat (EANET/WGFD 2/3/1) (Agenda Item 4).

V. Brief Report on the Progress of EANET since the Fourth Session of the Scientific Advisory Committee (SAC4) and the Sixth Session of the Intergovernmental Meeting (IG6) and the Financial Report in 2004 (including the outcome of the First Meeting of the Drafting Committee for the Periodic Report) (Agenda Item 4)

6. The Secretariat and NC made presentations to briefly report the progress of EANET after the Fourth Session of the Scientific Advisory Committee (SAC4) and the Sixth Session of the Intergovernmental Meeting (IG6), which was held on 3-5 November 2004 and 7-8 November 2004, respectively in Siem Reap, Cambodia. The financial reports of the Secretariat and the NC in 2004 were included in the presentations as well as the outcome of the First Meeting of the Drafting Committee for the Periodic Report. The Session was invited to comment on the report, if any.
7. It was pointed out that the Secretariat should make effort to urge the Asian Institute of Technology (AIT) Accounting Division to inform the actual expenditures of the Secretariat as soon as possible.

VI. Draft Report on the Feasibility Study on an appropriate instrument to provide a sound basis for financial contribution (Agenda Item 5)

8. The Secretariat made a presentation on the draft report on the Feasibility Study (FS) on an appropriate instrument to provide a sound basis for financial contribution for EANET. The session was invited to discuss and make comments on the feasibility study report, and provides guidance as appropriate.
9. Major discussions on this agenda item are as follows:
 - There is a need to highlight achievements and progress of EANET activities. It was clarified that such issues will be discussed at agenda item 7 on Draft Report for Policy Makers.
 - There is a need to introduce advancement in the area of financial arrangement.
 - It was suggested that clearer description on the differences of four options should be included in the FS report. It was noted that these four options are not exhaustive and there may be other options that could be identified later.
 - It was argued that criteria should be developed to consider pros. and cons. or merits and demerits. Since it was difficult to agree on such criteria in a short time, it was agreed

that descriptions on merits and demerits of different options would not be included in the FS report and that the comments of the participating countries would be directly annexed to the report.

- Further comments will be explored from the participating countries. Comments of the participating countries, including information on procedures of individual participating countries to ratify the instruments, should be attached in the Annex of the FS report.
- Some countries expressed their preference on a framework instrument, which include basic EANET activities, administration and financial aspects. Others are not in the position to express their preference yet.
- It was suggested that cost benefit analysis on business as usual and intervention may provide good justification for policy makers.
- While Chapters 1-4 seem generally fine, Chapters 5 and 6 need to be modified as follows:
 - The title of Chapter 5 should be “Possible Options” and description on “Issues” should be deleted. The comments from the participating countries will be placed in the Annex of the report and summary of the comments will be presented in Chapter 5. The following sentence should be added at the end of Chapter 5 “It should be noted that possible options may not be limited to these four options. There may be rooms for other options in the future where appropriate.”
 - Chapter 6 will be modified following the discussions at WGFD2. The last three paragraphs in the FSR document should be replaced by the following three paragraphs:
 - It should be noted that possible options may not be limited to these four options. There may be rooms for other options in the future where appropriate.
 - Based on the study, it is recommended that the Intergovernmental Meeting may consider the possibility of formulating an appropriate instrument to provide a sound basis for financial contribution to EANET activities.
 - The first step would be to secure the scientific evidence on adverse effect of acid deposition and its national and regional implications.
 - The Executive Summary will be modified by reflecting changes in Chapter 5 and 6.
- The Secretariat will revise the draft FS report, taking into account the views and comments expressed at the WGFD2, and will circulate the revised document for further comments.

VII. Draft Report on the 5-Year Medium Term Plan for EANET (Agenda Item 6)

10. The Network Center made a presentation on the Draft Report on the 5-Year Medium Term Plan for EANET. The session was invited to discuss and make comments on the draft report and provide comments/guidance as appropriate, for elaboration of document before consideration of the Seventh Session of the Intergovernmental Meeting (IG7).

11. Major discussions included:

- There should be a clear priority setting of activities, in particular for the new direction of EANET monitoring and researches in the 5-Year Medium Term Plan, taking into account available resources.
- Some countries emphasized the importance of modeling activities for future activities, while some others raised the question to do so.
- Many participants emphasized the importance of awareness raising activities, especially for policy makers.
- It is important to involve outside experts of EANET and to collaborate with relevant organizations such as WMO. Various existing research and studies should be carefully reviewed in addition to the data generated by EANET.
- Some countries pointed out that adverse impacts of air pollutants on human health should be placed as one of the priority activities. Some countries pointed out that expansion of EANET activities for other transboundary air pollutants should be actively considered.
- Expected outputs after the end of period of the 5-Year Medium Term Plan (2006-2010) should be clearly described. Indicators to evaluate success and failure of the activities should be developed.
- There are duplication of activities in the plan and some inconsistencies between the presentation by NC and the document (EANET/WGFD 2/6). The EANET activities should be clearly distinguished from other bilateral activities.
- Regarding the next steps, it was clarified that the participating countries will be requested to provide further comments as appropriate. The Secretariat and NC will revise the document, taking into account the views and comments expressed at WGFD2 and thereafter. The revised document will be further discussed at the Sixth Senior Technical Managers' Meeting (STM6) as well as the Fifth Scientific Advisory Committee (SAC5) among the participating countries before finalization of the report and submission to IG7.

VIII. Draft Report for Policy Makers (Agenda Item 7)

12. The Secretariat made a presentation on the Draft Report for Policy Makers. The session was invited to discuss and made comments/guidance on the draft report for consideration of the IG7.

13. Major discussions included:

- More information on EANET activities including its achievements should be included in the Report for Policy Makers.

- Some data and information in the draft report and fact sheets are outdated and do not reflect the latest available information. Both documents should be presented to SAC5 and get their advice for updating and corrections.
- There is existing information that could be used for the report, such as the International Energy Agency (IEA) data on energy consumptions.
- The Report for Policy Makers should use many pictures and figures to make it visible and easy to understand. Such figures and graphs should be based on the available data from respective countries.
- The relationship between forest decline and pollutants concentrations, for instance, should be described, if they are available.
- Information on damages to human health, ecosystems and economy may be further studied and included in the report if they are available. Suggestions were made to review crop damages, forest decline and acid deposition damages in Europe. Clear message should be included in the Report for Policy Makers to suggest what actions should be made.
- Since policy makers tend to pay more attention to local pollution issues, actions to address local air pollution issues and transboundary ones may be discussed simultaneously. Co-benefits of actions for local and transboundary air pollution problems should be clearly stated.
- In the future, it may be recommended to review existing research outcomes and come up with a Report for Policy Makers like IPCC.
- The first Report for Policy Makers should be prepared with presently available data and information in consultation with SAC5 and other relevant groups and submitted to IG7 for its consideration, even if it is not perfect.

IX. Draft Work Program and Budget in 2006 for EANET (Agenda Item 8)

14. The Secretariat and the NC presented the proposed Draft Work Program and Budget in 2006 for EANET. The Session was invited to discuss the report and made comments for consideration at the IG7.
15. Major discussions included:
 - A question was raised on the allocation of the budget for the Scientific Workshop. NC clarified that the budget necessary for holding the Drafting Committee Meeting should be borne by NC. The Secretariat clarified that the Scientific Workshop will not be included on the regular budget of the Secretariat. However, it will be discussed between NC and the Secretariat how to hold Scientific Workshop in 2006.
 - Some countries referred to the difficulties they have in their country to negotiate with their financial authorities about the large fluctuation of budget as the total budget of the Secretariat have increased by 20% from 2005 to 2006, for instance. In order to make

clear such a variation and minimize it, some means for improvement were suggested such as a table showing the trend of budgets, justification of such a fluctuation and/or introduction of two-year system for budget.

- Another suggestion that was raised is for the Secretariat to present 3 options for the budget of the Secretariat in 2006 for consideration by IG7.
- Regarding the inter-laboratory comparison project and the joint research on catchment study in Thailand, NC responded that they will inform participating countries of expected value of samples and will send Thailand the official letter to initiate the joint research as soon as possible.

X. Guidelines on Administration and Financial Management for the Secretariat and the NC including Procedures and Guidelines for Financial Contribution on EANET (Agenda Item 9)

16. The Secretariat and the NC made presentations on the Guidelines on Administration and Financial Management for the Secretariat and the NC. The presentation of the Secretariat included Procedures and Guidelines for Financial Contribution on EANET. The session was invited to discuss, review the report and made comments, as appropriate for consideration at the IG7.
17. Major discussion included the following:
 - It was clarified that the Option 1 has already agreed by IG5 for voluntary contribution and will be practiced until the year 2007.
 - A modality to fix amount of money for contributions along with Options 2 and 3 may be further investigated for consideration of IG.
 - It was introduced by one participating country that the protocol on financial arrangement in EMEP provides some conditions that require revision of budget, such as 2.5 times more than the budget which was accepted by the protocol coming into force, establishment of a new organization, six years after the entry into force of the protocol.
 - After discussion on how to proceed with the transfer of contribution, it was decided that the Secretariat should send the request letter to the participating countries to facilitate transfer of the voluntary contribution.
 - Some participating countries requested the Secretariat to add another paragraph/provision on the guidelines on contribution for other arrangement. As for the MOA on contribution between the Secretariat and each participating country, further consideration is needed, making a reference to the existing request letter and MOA concluded between the Secretariat and Japanese government and taking account of different situations of participating countries, if only needed.
 - It was suggested that there should be a separate account under UNEP RRC.AP for EANET activities.

XI. Report on the Review of the Performance of the Secretariat and the Network Center (Agenda Item 10)

18. The Secretariat and the Network Center made presentations on the draft reports on the Review of the Performance of the Secretariat and the NC as well as their financial reports from 2002 to 2004. The Session was invited to review the documents and endorse them with modifications where appropriate, to IG7 for its consideration.
19. Participating countries expressed their appreciation for the excellent jobs provided by the Secretariat and NC.

XII. Arrangements for the Fifth Session of the Scientific Advisory Committee (SAC5) and the Seventh Session of the Intergovernmental Meeting (IG7) (Agenda Item 11)

20. Major discussions included:
- It was suggested that the sequence of agenda items for IG7 should be further considered, taking account of the close relation between the feasibility study and guidelines on financial contribution.
 - Japanese delegation apprised the session that Niigata Prefecture and Niigata City as well as Japanese government will host SAC5 on 1-3 September 2005 and IG7 on 21-22 November 2005.
 - The Secretariat proposed the dates and venue, agenda items, and other arrangements for SAC5 and IG7.

XIII. Other Issues (Agenda Item 12)

21. NC stated that the Sixth Senior Technical Managers' Meeting (STM6) will be held in Hanoi, Vietnam from 27 to 29 July 2005. In this regard, they requested some countries to submit the Registration Forms for STM6 as soon as possible.

XIV. Consideration and adoption of the Report of the Session (Agenda Item 13)

22. The Session considered and adopted the Report of the Session with modifications.

XV. Closing of the Session (Agenda Item 14)

23. The Session was closed by the Chairperson.

Annex I

List of Participants

Participating Countries

Cambodia

Mr. Chrin Sokha
Deputy Director, Department of Environmental Pollution Control
Ministry of Environment

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

China

Ms. Dong Yao
Program Officer, International Cooperation Department
State Environmental Protection Administration (SEPA)

Prof. Wang Ruibin
Director of Air Quality Monitoring Department, China National Environmental Monitoring Center

Indonesia

Ms. Rina Aprishanty
Senior Technical Staff, Environmental Management Center (EMC), Ministry of Environment

Ms. Kusmulyani Sugiarto
Staff to the Assistant to the Deputy for Atmosphere & Climate Change, Ministry of Environment

Japan

Dr. Hajime Akimoto
Program Director, Atmospheric Composition Research Program
Frontier Research Center for Global Change, Japan Agency for Marine-Earth Science and Technology

Mr. Mitsuhiro Makino
Official, Global Environment Division, Ministry of Foreign Affairs

Ms. Keiko Segawa
Deputy Director, Global Environment Issues Division, Global Environment Bureau
Ministry of the Environment

Mr. Yuya Takabayashi
Section Chief, Global Environment Issues Division, Global Environment Bureau
Ministry of the Environment

Lao PDR

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

Ms. Setouvanh Phanthavongsa
Technical Staff, Environment Research Institute, Science Technology and Environment Agency

Malaysia

Prof. Muhamad Bin Awang
Professor, Environmental Science Division, Universiti Putra Malaysia

Ms. Leong Chow Peng
Deputy Director General (Application), Malaysian Meteorological Service

Mongolia

Ms. Bulgan Tumendemberel
Chief Engineer, Central Laboratory of Environmental Monitoring

Philippines

Dr. Wilfredo Manila Carandang
Director, Institute of Agroforestry, College of Forestry and Natural Resources
University of the Philippines Los Baños

Republic of Korea

Prof. Cho Seog-Yeon
Professor, Department of Environmental Engineering, Inha University

Mr. Yang Jae-Moon
Deputy Director, Air Quality Policy Division, Ministry of Environment

Russia

Ms. Veronika Ginzburg
Researcher, Background Monitoring Department
Institute of Global Climate and Ecology Roshydromet and RAS

Mrs. Marina Kotlyakova
Deputy Head, Environmental Pollution Monitoring Department
Russian Federal Service for Hydrometeorology and Environmental Monitoring

Thailand

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

Mrs. Mingquan Wichayarangsaridh
Director, Air Quality and Noise Management Bureau, Pollution Control Department (PCD)

Vietnam

Dr. Vu Van Tuan
Deputy Director, Institute of Meteorology and Hydrology
Ministry of Natural Resources and Environment

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

Resource Persons

UNU/IAS

Mr. Katsunori Suzuki
Senior Visiting Fellow, United Nations University/Institute of Advanced Studies (UNU/IAS)

Consultant

Prof. Dilip Biswas
India

Observers

Republic of Korea

Mr. Na Jung Kyun
Expert on Environmental Policy, Environment Section
Environment and Sustainable Development Division, UN ESCAP

Thailand

Dr. Hathairatana Garivait
Environmental Scientist, Department of Environmental Quality Promotion

Mr. Phunsak Theramongkol
Director, Ambient Air Quality Section, Air Quality and Noise Management Bureau
Pollution Control Department (PCD)

Mr. Pichaid Atipakya
Environmental Officer, Air Quality and Noise Management Bureau
Pollution Control Department (PCD)

Secretariat

Network Center

Dr. Sergey Arkadyevich Gromov
Deputy Director General, Acid Deposition and Oxidant Research Center (ADORC)

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

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

UNEP RRC.AP

Mr. Surendra Shrestha
Director, UNEP RRC.AP

Mr. Mylvakanam Iyngararasan
Senior Programme Officer, UNEP RRC.AP

EANET Secretariat

Dr. Jiang Wei
Coordinator, EANET Secretariat, UNEP RRC.AP

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

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