

The Twenty First Session of the Intergovernmental Meeting
on the Acid Deposition Monitoring Network in East Asia
12-13 November 2019, Beijing, China

**Annex 7. Presentation of Recommendations of Mid term Review of the Medium Term
Plan (2016-2020)**

**Recommendations of the Mid-Term Review Report (MTR) on
the Implementation of the Medium Term Plan (MTP) for
the EANET (2016-2020) from January 2016 to June 2018**

Presented by

The Secretariat and Network Center for the EANET

**The Working Group Meeting on Preparation of Development of the Medium Term
Plan for the EANET (2021-2025)**

20-21 August 2019, Bangkok, Thailand

BACKGROUND

- There are a significant amount of activities proposed in the MTR for future development of EANET, such as PM & ozone monitoring, enhancement of capacity building, technical support and research activities especially emission inventories, modeling, information exchange, development of policy-relevant reports, and public awareness activities. Those recommendations are meant to be implemented in the current MTP and beyond.
- To strengthen EANET by following the recommendations of the MTR of the MTP for the EANET (2016-2020), it is crucial to further discuss proposed actions of each recommendation, including the implementation and financial aspects during the process of developing the next MTP for the EANET (2021-2025).
- For that reason, recommendations of the MTR and proposed follow-up actions by Secretariat and the Network Center (NC) are presented in the Working Group Meeting as reference.

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 1:** The participating countries to be encouraged to make a voluntary financial contribution on time and in accordance with the amount for each participating country presented in the approved annual Work Programme and Budget of the EANET.
- **Action 1:** The Secretariat and the NC send the letter requesting a financial contribution of the following year to the National Focal Points immediately after every intergovernmental (IG) meetings.
- **Action 2:** The Secretariat and the NC make follow-up communications regularly with the National Focal Points to ensure timely submission of financial contribution.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 2:** The Secretariat and the NC to continue developing strategies and action plans for obtaining external funds from international organizations or donor agencies.
- **Action 1:** The Secretariat proposes a new mechanism of Secretariat's financial arrangement and management by introducing the term 'core budget' for funds from voluntary contribution and 'additional budget' for funds from external funds, such as from in-kind contribution, partnerships and donor agencies.
- **Action 2:** In obtaining external funds, the Secretariat proposes a flexible mechanism to engage with and to get funds from organizations or donor agencies. The mechanism can be arranged in the Guidelines on the Administrative and Financial Management for the Secretariat and the Network Center.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 3:** The Secretariat and the NC to enhance support to participating countries through capacity building, technical support and research activities for important activities for the development of the EANET, especially on monitoring of ozone and PM2.5.
- **Action 1:** In collaboration with the Secretariat, the NC strengthens existing capacity building (e.g., Individual training course), technical support (e.g., NC technical missions to the participating countries) and research activities (e.g., research fellowship programme).
- **Action 2:** The Secretariat and the NC in cooperation with the relevant initiatives (e.g., Asia Pacific Clean Air Partnership (APCAP)/ Clean Air Asia (CAA)/ Climate & Clean Air Coalition (CCAC)) promotes capacity building, technical support and research activities.

NC/ Sec.

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 4:** NC to promote/encourage the establishment of new monitoring sites, especially for ozone and PM2.5 in the next technical mission.
- **Action 1:** The NC encourages participating countries to set up new sites of ozone and PM through the NC technical mission, EANET meetings (e.g., Senior Technical Managers' Meeting (STM)). For example, it is recommended to register the national monitoring air quality monitoring sites to the EANET sites.
- **Action 2:** The NC promotes participating countries to set up new sites of ozone and PM with the financial support from relevant agencies (e.g., CAA, if possible).

NC

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 5:** NC to promote activities on emission inventory and modeling for future development of the EANET.
- **Action 1:** The NC in collaboration with the Secretariat and in cooperation with relevant initiatives (e.g., MICS-Asia, the EMEP Centers under Convention on Long-range Transboundary Air Pollution (CLRTAP)), if possible) promotes emission inventory and modeling (especially research activities) for future development of the EANET.
- **Action 2:** The Secretariat in collaboration with the NC and relevant partners strengthens activities on emission inventories and modeling with development of policy recommendations.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 6/12:** The Secretariat and the NC to consider enhancing public awareness through knowledge dissemination and outreach to local communities and policymakers. In addition, EANET should describe in brochures, newspaper, journals and pamphlets about the impacts of acid deposition and distribute information to schools, universities, libraries, governmental departments, NGOs, etc..
- **Action 1:** The Secretariat and the NC in cooperation with relevant initiatives enhance public awareness through public knowledge dissemination and outreach to local communities and policymakers in the form of brochures, newspaper, journals and pamphlets.
- **Action 2:** On communication products, the Secretariat and the NC continue to issue EANET Newsletter twice a year as part of outreach activities. Revamping of EANET website has been done and renewal of EANET brochure and factsheets is in the process.
- **Action 3:** On awareness events, the Secretariat continue to organizes the Regional and National Awareness Forum. In addition, every year ACAP organizes an Open House for school children as a part of public awareness activities.
- **Action 4:** The Secretariat seeks collaboration with Air Quality Unit of UNEP in developing communication materials and in providing capacity building on communications and public awareness for participating countries.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 7:** NC to prepare the on-demand system for providing EANET data.
- **Action 1:** The NC had developed new user friendly on-demand system for providing EANET raw data in 2019 as planned. The new system was already introduced to the participating countries and issued/operated on the EANET website.
- **Action 2:** After 2021, the NC maintains the installed new system, and considers installing more appropriate system in the future in collaboration with WMO, etc., if possible.

NC

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 8:** In the near term, it is recommended that EANET continues to concentrate on acid deposition in line with the original goal of our network. Increasing the number of target substances to include ozone and PM2.5 may be a longer-term objective.
- **Action 1:** In the instrument for strengthening the EANET, acid deposition defines as major acidifying species and related chemical substances. “Related chemical substances” could mean ozone and PM. Ozone and PM, therefore, were included in the EANET monitoring components from the commencement of the EANET regular phase activities in 2001.
- **Action 2:** In order to increase number of ozone and PM monitoring sites, the NC promotes various kinds of activities with financial support from participating countries.

NC

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 9:** The NC should strengthen its capacity for training on monitoring of ozone and PM2.5.
- **Action 1:** The NC in collaboration with the Secretariat strengthens existing capacity building activities (e.g., EANET individual training course).
- **Action 2:** The Secretariat and the NC in cooperation with the relevant initiatives (e.g., APCAP/ CAA/ Male Declaration/ EMEP if possible) promotes capacity building activities.

NC/ Sec.

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 10:** Promotion of information exchange on clean air technologies, emission inventories, and research activities should be strengthened.
- **Action 1:** With financial support from the participating countries, workshop on information exchange on clean air technologies will be held every 2 years.
- **Action 2:** The EANET in cooperation with relevant initiatives (e.g., MICS-Asia, the EMEP Centers under CLRTAP if possible) promotes emission inventory and modeling activities especially as research activities.
- **Action 3:** With financial support from participating countries and relevant agencies, the NC promotes research activities.
- **Action 4:** With financial support from the Secretariat, the NC promotes fellowship research programme.

NC

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 11-1:** More policy formulation related recommendation should be made based on the monitoring data that has been analyzed.
- **Action 1:** The Secretariat proposes the formulation of relevant recommendations based on EANET periodic report and analysis of monitoring data in the form of report for policymakers, policy briefs and other means of publications.
- **Action 2:** The Secretariat proposes capacity building targeting the policymakers of participating countries on policy development based on scientific monitoring data in collaboration with partners, such as CCAC and APCAP.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 11-2:** EANET website should be improved to be more users friendly in obtaining reports which are helpful to the policymakers to determine the environmental activities and plan new policies or improve current policies.
- **Action:** The Secretariat and the NC continuously improves the user-friendliness of EANET website to help the policymakers in accessing monitoring data and relevant information in developing new policies or improve current policies.

Sec./NC

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 11-3:** A summary report or an executive summary for policymakers need to be provided, reflecting policy implications of the scientific results from the EANET science group.
- **Action:** The Secretariat in collaboration with the NC develops summary for policymakers reflecting policy implications of the scientific results from the EANET science group and circulates it regularly towards participating countries.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 13:** It is recommended to encourage more active participation from some countries, especially developing countries. Currently, it seems certain countries are much more active in EANET's intergovernmental meetings and activities than the others.
- **Action:** The Secretariat ensures provision of equal opportunity for all participating countries in providing inputs and recommendations during the intergovernmental meetings, scientific advisory meetings and other forums of proposing ideas for future EANET, such as working group and consultation meetings.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 14-1:** It is suggested that cooperative efforts such as technical mission dispatch to participating countries should be enhanced to fulfill the EANET objectives.
- **Action 1:** The NC promotes technical mission to participating countries with financial support from participating countries.
- **Action 2:** For effectiveness and efficiency, the NC discusses with the participating countries on the latest situation and contents of technical support request prior to the mission as a basis on planning the NC technical dispatch.

NC

MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 14-2:** More attention is needed to develop collaboration with other air-related mechanisms in the Asian region (such as LTP, Better Air Quality in Asia (BAQ), etc.).
- **Action:** The Secretariat and the NC explore in more detail the opportunities to collaborate with air-related mechanisms in the Asian region such as the LTP, Better Air Quality in Asia (BAQ), etc..

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 15:** EANET could use its long-term monitoring data for acidifying species and data for some air pollutants and explore potential assessment of impacts due to exposure to acid deposition and air pollutants. It could be strategic to link its monitoring data with the protection of heritage sites or health impact assessment, which was already identified as a future area of assessment in PRSADs.
- **Action:** The Secretariat and the NC supports the Scientific Advisory Committee (SAC) members in developing the periodic assessment report including health impact and influence on the heritage sites based on the long-term monitoring data for acidifying species and air pollutants/related chemical substances (ozone and PM).

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 16:** EANET should more focus on solutions to acidification and other air pollutants related to adverse effects. Participating countries could discuss practical ways of how to mitigate air pollution effectively. LRTAP Convention could serve as an example of such a continuous dialogue not limited to adoption and implementation of the protocols to the Convention.
- **Action 1:** The NC and Secretariat in cooperation with the relevant initiatives (e.g., CLRTAP) discuss further on practical ways to mitigate air pollution issues effectively by referring to the Joint Announcement issued at IG2 in 2000 (on international cooperative efforts for preventing or reducing adverse environmental impacts) and this recommendation.
- **Action 2:** The Secretariat in collaboration with APCAP and CCAC explores the opportunity to link results of EANET monitoring data and recommendations with the 25 Clean Air Measures developed by APCAP and CCAC.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 17:** EANET should consider sharing its activities and messages with a broader audience in the regional platform to enhance intergovernmental collaboration actively. In this regard, APCAP could be considered as one of the regional (Asia Pacific) platforms for EANET.
- **Action 1:** The Secretariat seeks the opportunity to collaborate with APCAP in organizing APCAP Joint Forum in the future.
- **Action 2:** The Secretariat explore the opportunities to collaborate with regional initiatives such as North-East Asia Clean Air Partnership (NEACAP), Environmental & Health Forum and Male Declaration.
- **Action 3:** The Secretariat ensures contribution of EANET to the achievements of air quality resolutions of UNEA.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 18:** To enhance engagement between EANET and APCAP, ACAP (as EANET NC) representative could be involved in the APCAP Science Panel.
- **Action:** The Secretariat liaises with APCAP to explore the mechanism to include the NC representative as part of APCAP Science Panel.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 19:** Current enhancement collaboration between EANET and the scientific programs of CLRTAP (EMEP and the Working Group on Effects) is recommended. To do so, common work plan items should be jointly developed.
- **Action:** The Secretariat and the NC explore the opportunity to enhance collaboration between EANET and the scientific programs (e.g., CLRTAP (EMEP/Working Group on Effects/WGE)).

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 20:** Synergy between EANET and APCAP can be potentially made more effective, through development of joint policy briefs by APCAP Science Panel and EANET Scientific Advisory Committee, etc.
- **Action 1:** The Secretariat and the NC in collaboration with APCAP ensure the participation of EANET researchers at workshops and science meetings of APCAP to develop relevant scientific reports.
- **Action 2:** The Secretariat in collaboration with APCAP and UNEP Air Quality Unit develops regular joint policy briefs.

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MTR RECOMMENDATIONS AND PROPOSED FOLLOW-UP ACTIONS

- **Recommendation 21:** EANET could review available methods and knowledge regarding monitoring/modeling/emission estimates/effects assessment (e.g., EMEP/WGE could be served as one of the models).
- **Action:** The EANET in cooperation with relevant initiatives (e.g., MICS-Asia, the EMEP Centers under CLRTAP, if possible) promotes available methods and knowledge regarding monitoring, emission inventory and modeling and effects assessment activities especially as research activities.

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