

EANET/SAC 20/ 5/1



Agenda Item 5/1 Findings from the Survey Matrix Categorization of EANET MTP (2021-2025) Activities

**The Twentieth Session of the Scientific Advisory Committee on the
EANET**

23-24 September 2020/ Virtual Meeting

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Introduction

- The Session of the WG1 acknowledged the First Draft of MTP for the EANET (2021-2025). It recommended the Secretariat and the NC to continue working on revising the draft MTP for the EANET (2021-2025), taking into account the discussion and suggestions at the session, particularly on categorizing activities clearly.
- In addition, the Session of the WG2 summarized that no objection was made by the Participating Countries regarding the expansion of the scope of the Instrument. The Session requested the Secretariat and the NC to work on necessary preparation to support this.
- Japan requested approval of the WG2 Session to present its proposal regarding the categorization of MTP activities. After approval by the Chairperson, Japan presented it at the Meeting. As a follow up after the WG2 Meeting, the Matrix was circulated to Participating Countries on the 10th of July 2020, and the Secretariat informed the Participating Countries to return the Matrix by the 17th of July 2020.
- The Results of the Survey Matrix and the Preliminary 2nd Draft MTP for the EANET was circulated to WG Meeting participants on 21 August 2020. The documents would be submitted to the SAC20 for comment of the SAC Members from technical and scientific point of view.

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The Objective, Methodology, Data Analysis

- The objective of the survey: The Survey Matrix was sent to the Participating Countries with the goal to get collective inputs from the Participating Countries regarding activities listed in the first draft MTP (2021-2025) according to themes (cluster of activities) and priorities as discussion reference at the SAC20, WG (Session 2) Meeting and IG22.
- The methodology: The survey was conducted online and circulated to the EANET National Focal Points of 13 Participating Countries. In the survey, there are three questions addressed to the Participating Countries to find out the perception of each Participating Country towards priority activities for the MTP (2021-2025), budget (core/non-core), and the necessity of revision of Instrument. In addition, the Participating Countries were allowed to add relevant remarks for each activity.
- Data analysis: Data were clustered into themes of questions, and overall aggregated results were compiled into graphs and analyzed in the present document. In addition, the new aggregated results were analyzed and presented separately to find out the specific inputs from the Participating Countries related to the existing and new proposed activities. In addition, some Participating Countries added additional activities in their matrix submission

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Limitations

Some limitations were encountered while preparing the results:

- The Survey Matrix only reflects the view of the 10 countries that submitted their responses to be included in this report. The results of the survey matrix would have been different if the responses from the remaining three Participating Countries had been included.
- There is a risk of different interpretation among the Participating Countries toward the understanding of the questions and on how to respond.
- In summarizing and analyzing the results, non-core budget includes additional budget and project fund/ PBFC.
- While answering to the questions, some responding Participating Countries did not provide their feedback (no response) or did not make a selection (add two selections instead of one).

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Proposed Activities as Listed in the 1st Draft of the MTP (2021-2025)

No	Activities as listed in the First Draft of the MTP 2021-2025 for the EANET
1	Monitoring of acid deposition (acidifying species and related chemical substances such as ozone and PM) including an increase of EANET monitoring sites, improvement in monitoring methodologies and better instrument maintenance
2	Monitoring of air pollution (except acid deposition such as VOCs and POPs), including an increase of EANET monitoring sites, improvement in monitoring methodologies and better instrument maintenance
3	Development/ revision of [technical] guidelines, technical manuals and documents, as necessary
4	Development/ update of strategy papers for guidance on the future direction of the monitoring, as necessary
5	Implementation of quality assurance and quality control (QA/QC) activities on acid deposition
6	Implementation of quality assurance and quality control (QA/QC) activities on air pollution (such as VOCs and POPs)
7	Routine compilation, verification, evaluation, storage and provision of data and maintenance of database
8	Expansion of data collection from national monitoring sites on acid deposition (acidifying species and related chemical substances such as ozone and PM) and data evaluation with agreed countries
9	Expansion of data collection from national monitoring sites on air pollutants such as POPs and data evaluation with agreed countries
10	Development of real time air quality (such as PM _{2.5}) monitoring network
11	Promotion of information exchange - regional impact assessment on ecosystems and human health through workshops, seminars, etc.
12	Promotion of studies on estimation of the source of air pollution of PM _{2.5}
13	Research on analysis on the relation of air pollution and acid deposition including related chemical substances
14	Promotion of studies on analysis in terms of climate change (e.g. EC/OC, SLCPs)
15	Promotion of studies on the effects of acid deposition including other priority chemical species on plants and ecosystems, especially on biogeochemical cycles on a catchment scale as well as regional impact assessment
16	Promotion of studies on the effects of air pollution (except acid deposition) on plants and ecosystems, especially on biogeochemical cycles on a catchment scale as well as regional impact assessment
17	Promotion of studies of acid deposition on human health and other social aspects, including the viewpoint of the socio-economics
18	Promotion of studies on the effects of air pollution (except acid deposition) on human health and other social aspects, including the viewpoint of the socio-economics
19	Conduct annual assessment of the state of acid deposition using trend analysis, numerical models
20	Conduct annual assessment of the state of air pollution (except acid deposition) using trend analysis, numerical models
21	Promotion of studies on air pollution analysis by using remote sensing technique
22	Development of Periodic Report on the State of Acid Deposition in East Asia (PRSD, regional assessment report published every 5 years), including the impact on plants and ecosystems.
23	Development of periodic assessment reports on the state of air pollution (except acid deposition) in East Asia including impact on plants and ecosystems
24	Regular updating of the website
25	Upgrading of the data management system in the NC to enable easy access by approved users

Yellow: Proposed New Activities

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Proposed Activities.... (continued)

No	Activities as listed in the First Draft of the MTP 2021-2025 for the EANET
26	Development and submission of emission inventories of air pollutants to support and enhance joint efforts among the participating countries of the EANET for reducing air pollutant emissions
27	Promotion of capacity building for personnel of the participating countries including training courses, capacity building workshops, etc. for monitoring
28	Promotion of capacity building for personnel of the participating countries for control emission including control transboundary air pollution from mobile sources, etc.
29	Promotion of technical support to participating countries by provision of advice, technical information and equipment
30	Technical support for the air quality management (including revision of ambient air quality standards and emission source control, and moving towards low-Sulphur fuels for PM, nitrogen oxide, ground level ozone, etc. with development of policy, strategy, regulation)
31	Promotion of research and technical cooperation on emission inventory to support the capacity building
32	Promotion of studies on atmospheric simulation models to assess the trend of national and regional acid deposition including other related air pollutants in East Asia through workshops, training courses, etc.
33	Promotion of studies on atmospheric simulation models to assess the trend of national and regional air pollution (except acid deposition) in East Asia through workshops, training courses, etc.
34	Conduct fellowship research program
35	Training on policy development on air pollution and acid deposition targeting the policymakers of participating countries on policy development based on scientific monitoring data in collaboration with partners
36	Publication of EANET Science Bulletin
37	Promotion of public awareness on acid deposition including other priority chemical species, etc.
38	Promotion of public awareness on air pollution (except acid deposition), e.g., control transboundary air pollution from mobile sources, etc.
39	Promotion of information exchange - Information exchange on clean air technologies through workshops, seminars, etc.
40	Promotion of research on clean air technology and policy dialogue, a technical demonstration project to share member countries' outstanding prevention technologies, etc.
41	Implementation of 25 solutions for clean air measures for the Asia Pacific region including development of a synergy between air quality and climate change
42	Arrangements for the EANET Sessions agreed to by the IG
43	Consideration on future development of the EANET
44	Review of the arrangements of the EANET Secretariat and the NC
45	Revision of Guidelines on Administrative and Financial Management for the Secretariat and NC taking account of the new decisions of the IG
46	Review of the MTP (2016-2020), revision of the MTP (2021-2025) if necessary, and development of the next MTP for the EANET (2026-2030)
47	Promotion of communication, collaboration and cooperation with other relevant international organizations, initiatives and programs
48	Sharing a common understanding on atmospheric environment issues among the scientific community such as the APCAP Science Panel
49	Providing information and policy recommendations to policy makers based on sound science and assessment [Expected outputs: Report for Policy Makers, Science and policy dialogue]
50	Administrative works

Yellow: Proposed New Activities

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Findings Summary

- Only **10 out of 13 EANET Participating Countries** have participated to the Matrix Survey, thus only these answers are included in the present analysis. However, this represents **a high participation rate of almost 77%**.
- The overall aggregated findings show that the responding Participating Countries have considered **84% of all activities** listed in the First Draft of the MTP 2021-2025 for the EANET as **high-priority activities**.
- Responses also show **that 82% of these activities**, in the opinion of the Participating Countries, **may not require the revision of the Instrument to be implemented**.
- Among the activities, "**New Proposed Activities**" resulting from the suggestions made by the Participating Countries during the Working Group Meeting on Preparation of Development of the Medium Term Plan for the EANET (2021-2025) in August 2019, have shown **mixed results**. Indeed, some activities related to **monitoring on air pollution and research and promotion of studies on the effects and assessments of air pollution** have shown mixed answers from Participating countries (from middle, to low priority and not necessary).
- The **New Proposed Activities** that have gathered the most opinions in favor of a **high-priority implementation** are **monitoring activities** such as the **expansion of data collection for ozone and PM** as well as the development of real-time air quality **monitoring**, **Capacity building**, from a technical side and concerning training on policies, as well as **public awareness** on air pollution have also been noted by Participating Countries as the **New Proposed Activities** that should be implemented in **high-priority**.
- Finally, the **budget attribution** findings of the **New Proposed Activities** show that Participating Countries answered that **almost half of these activities could be part of the core budget and a little more than half, attributed to the non-core budget**.



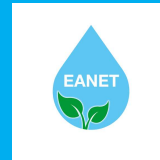
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Action Required

The SAC 20 is invited to review the Report, particularly by assessing the relevance between activities and objectives, as well as assessing the level of priority of activities by considering the findings from the Survey Matrix in order to be included in the list of activities of the MTP (2021-2025).

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Thank you



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