



AGENDA ITEM 6

Consideration of the Draft Partnership and Resource Mobilization Strategy

The Working Group Meeting in 2024 (WG2024) on the Acid Deposition Monitoring Network in East Asia (EANET)
20-21 August 2024, Virtual Meeting

INTRODUCTION

- The IG25 on the EANET, held on 29-30 November 2023, in Hanoi, Viet Nam, “*tasked the Secretariat and Network Center to organize a Working Group Meeting in 2024 to review the 2025 Project Plans, among others.*”, as stated in the Report of the Session (EANET/IG25/13, para 50).
- In the approved WPB for Core Activities in 2024 (EANET/IG25/9), Activity 12 on the Consideration on the future development of the EANET; Table 12.2 Accelerating the involvement of PCs and other organizations and explore fundraising opportunities for the EANET Project Fund, tasks the Secretariat to support and consult PCs on accelerating their involvement in the submission and implementation of EANET Project Plans (EPPs), and to consult with other organizations, develop partnerships and mobilize resources. In addition, the Secretariat is tasked to finalize a report on the development partnerships and mobilizing resources to support the EANET
- The Secretariat, with cooperation of the NC, has been consulting with PCs and other organizations to develop partnerships and mobilize resources, exploring challenges and opportunities and supporting EANET activities and co-develop Project Plans
- The Secretariat facilitated the recruitment of a consultant, following UNEP rules and regulations, in the last quarter of 2023, to support the EANET Project Fund activities and the development of the partnership and resource mobilization strategy.
- Current draft is for consultation; inputs/comments from UNEP and ACAP will be requested leading to SAC24 and IG26

INTRODUCTION (2)

- The objective of this Strategy is to outline key actions to develop and strengthen partnerships with other organizations and raise additional resources to support project activities.
- The Strategy identifies opportunities to accelerate PC's involvement and actions to partner with other organizations to support EANET activities.
- The Strategy is divided into three main sections: the current EANET core and project fund resources, a Partners and Resource Mobilization Mapping for Atmospheric Environment Management in the East Asia region, and the proposed Partnership and Resource Mobilization Strategy for the EANET.

Current EANET Core and Project Fund Resources

Table 1. Voluntary Financial Contribution to the Core Budget of the Secretariat and Network Center in 2021-2022

Participating Countries	SEC			NC		
	Estimated annual contribution	Actual annual contribution (2021)	Actual annual contribution (2022)	Estimated annual contribution	Actual annual contribution (2021)	Actual annual contribution (2022)
Cambodia	134	200	200	121	200	200
China	272,602	203,730	160,677	246,384	102,170	145,223
Indonesia	12,332	0	0	11,146	0	0
Japan	194,468	203,768	194,468	175,764	277,210	298,819
Lao PDR	115	0	0	104	0	0
Malaysia	7,742	7,742	7,742	6,997	0	0
Mongolia	115	200	200	104	200	200
Myanmar	225	225	225	203	203	183
Philippines	4,657	4,657	4,657	4,209	4,209	4,209
Republic of Korea	51,478	51,220	44,292	46,527	0	0
Russia	54,612	54,612	54,612	49,359	49,359	49,359
Thailand	6,971	6,971	6,971	6,300	4,829	4,829
Viet Nam	1,749	1,749	1,749	1,581	1,581	1,581
Total	607,200	535,074	475,793	548,799	439,961	504,603

- EANET has been **financially supported** by the PCs themselves since its inception
- The voluntary contribution received by the Secretariat of EANET and Network Center **consistently below** the estimated annual contribution

Current EANET Core and Project Fund Resources (2)

Table 2. The Approved Budget of the Secretariat and Network Center and Expenditures for Core and the EANET Project Fund from 2021 to 2023

		2021		2022		2023	
		Approved Budget	Expenditure	Approved Budget	Expenditure	Approved Budget	Expenditure
Core	Secretariat	625,900	436,683	572,600	427,169	637,885	509,960
	NC*	711,581	602,031	634,581	597,782	626,130	NA
Total Core Budget		1,337,481	1,083,714	1,207,181	1,024,951	1,264,015	NA
EPF		[370,110]**	[195,943]**	329,392	310,276	489,700	NA
Total Core + EPF		1,707,591	1,234,657	1,536,573	1,335,227	1,753,715	NA

- The total core and EPF expenditure **has been increasing** since 2021
- Annual expenditures of all EANET activities is more than **USD 1.2 million**

Sources: WPB in 2022 and 2023; and Financial Report of the Secretariat and the Network Center's Core Budget Activities in 2022

Notes:

*Including office rental fee that is covered by Niigata Prefecture, Japan

** In 2021, there were no EPF projects, however there were some projects and activities called non-core activities

Current EANET Core and Project Fund Resources (3)

Table 3. Funding Sources of EANET Projects 2022-2024

Year		SEC	NC	Japan	Philippines	Republic of Korea	China	Total (USD)
2022	EANET Project Fund (EPF)	0	0	160,500	0	0	0	329,392
	Co-Financing (CF)	0	0	160,500*	8,392	0	0	
2023	EANET Project Fund (EPF)	73,000	0	160,500	0	0	0	489,700
	Co-Financing (CF)	0	0	178,500*	2,630***	77,000	0	
2024	EANET Project Fund (EPF)	70,000	40,110	139,175	0	0	0	600,136
	Co-Financing (CF)	54,000	23,000	154,151*	0	77,000	42,000**	

Sources: Annual Report of EANET Project Fund (AREPF) in 2022 in Transition Period; Consideration of Draft EANET Project Plans in 2023; Consideration of Proposed Project Plans in 2024

Notes:

*Includes contribution from the Japan Society on Promotion of Sciences (JSPS)

**Contribution from Fudan University in Shanghai, China

***The contribution from the Philippines in 2023, USD 2,360, was acknowledged in the IG and will be included in the 2024 report

Partners and Resource Mobilization Mapping for Atmospheric Environment Management in the East Asia region

Participating Countries

- National initiatives
- Research Center
- NGOs at national
- Explore additional network centers

1

Bilateral and Multilateral Development Agencies

Within PC:
JICA, KOICA, TICA
Beyond PC:
GIZ, SIDA, AFD, USAID,
ADB, World Bank

2

UN Agencies and Intergovernmental Bodies

WHO, UNEP, CCAC,
UNESCAP, WMO, UNDP
UNICEF, FAO, ASEAN

3

Foundations and Philanthropies

CAF
FIA Foundation
Bloomberg
Energy Foundation
China

4

International NGOs and Research Institutions

C40, WRI,
CAA,
Vital Strategies
SEI, IGES
CITEPA, IIASA

5

Private Sector

Low-cost sensor
manufacturer

6

Partners and Resource Mobilization Mapping for Atmospheric Environment Management in the East Asia region

Participating Countries

- **Main sources** of funding for various **air quality management-related activities** in their countries
- Several **national research institutions and academic institutions** in the PCs are also conducting research and other activities in support of acid deposition and air quality management in their countries.
- **NGOs** at national level supported several **EANET National Awareness**
- A feasibility study was conducted concerning **the establishment of a new Network Center for the EANET**

Bilateral and Multilateral Development Agencies (1)

- Provide **technical assistance, loans and grants** to support air quality management-related projects and activities in the region.
- Based on the consultations conducted by the Secretariat accessing funds from bilateral and multilateral development agencies commonly entail **competitive tendering processes** like bidding and/or **submitting expressions of interest (EOI)** to implement their projects or certain elements of the projects.
- Co-development of **technical assistance projects (grants)** may be possible on a case-by-case basis.
- To access such funds, an entity within EANET would have to **submit the EOIs and/or bid for the projects** for implementation.

Partners and Resource Mobilization Mapping for Atmospheric Environment Management in the East Asia region

Bilateral and Multilateral Development Agencies (2)

Within EANET PCs:

- JICA: EPR#2024/4; JICA Clean City Initiative (JCCI) Project
- KOICA: Clean Air for Sustainable ASEAN (CASA) Projects endorsed by the ASEAN in 2023
- TICA: technical assistance to relevant agencies in Lao PDR to strengthen their capacity in air quality management with long-term resilience

Beyond EANET PCs

- GiZ: Southeast Asia Clean Air Initiative (SEACAI) focusses in **Greater Mekong Subregion**
- SIDA: provides funding for pollution-related projects through the International Center for Integrated Mountain Development (**ICIMOD**) and **UNEP's project EmPower**
- AFD: Air Quality Improvement Program (AQIP) aims to support the **ASEAN Member States**
- USAID: SERVIR Southeast Asia (SEA) project is aligning its effort with **Roadmap on ASEAN Cooperation towards Transboundary Haze Pollution Control**
- ADB: Asian Clean Blue Skies Program (ACBSP) to support air quality improvement in the **Asia Pacific region**
- World Bank: work with IIASA to apply GAINS model for identify optimal and cost-effective abatement measures in **Viet Nam, Mongolia, Indonesia, Lao, and the Philippines**

Partners and Resource Mobilization Mapping for Atmospheric Environment Management in the East Asia region

United Nations Agencies and Intergovernmental Bodies

- Many **UN agencies** that conduct air quality management-related activities to achieve the Sustainable Development Goals (SDGs)
- UNEP: Climate and Clean Air Coalition (CCAC) and Asia Pacific Clean Air Partnership (APCAP)
- UNSECAP: Regional Action Programme on Air Pollution (**RAPAP**)
- WMO: EANET also signed **an agreement** with the WMO to facilitate **EANET data sharing** (2018).
- FAO: Assuring the Future of Forests with Integrated Risk Management (AFFIRM), piloted in **Cambodia, Lao PDR, Thailand and Viet Nam**
- ASEAN: ASEAN Roadmap on Transboundary Haze Pollution; several projects supported by **bilateral agencies**

Foundations and Philanthropies

- Clean Air Fund: supports the development of the **RAPAP Partnership and Coordination Platform** with ESCAP
- FIA Foundation: supports the International Council on Clean Transportation (**ICCT**) and **UNEP**
- Energy Foundation China: supports **UNESCAP** in promoting sustainable energy in Asia and the Pacific to support the implementation of SDG7 and the Paris Agreement

Partners and Resource Mobilization Mapping for Atmospheric Environment Management in the East Asia region

International and local NGOs and Research Institutions

- C40: many cities within PCs are already part of C40, with **Bloomberg Philanthropies** and **Clean Air Fund** launched the **BreathCities**
- WRI: capacity building on **LCS** (under Clean Air Catalyst) and established **Air Quality Community of Practice for Southeast Countries**
- Clean Air Asia: **Integrated Program for Better Air Quality (IBAQ)** and supported EANET Projects on **capacity building**
- IGES: sharing the **Asian Co-benefit Partnership (ACP)** on multiple development benefits of coordinated actions to tackle air pollution
- IIASA: **Greenhouse Gas Air Pollution Interaction and Synergy (GAINS)** model
- CITEPA: **emission inventory** and part of the **AQIP Project** under ASEAN.

Private Sector

- Plays a crucial role in **air quality management**
- Many low-cost sensor manufacturers have **supported awareness and data projects**

Partnership and Resource Mobilization Strategy for the EANET

- The overarching principle of the strategy is: to “**engage strategic partnerships** with PCs and other organizations in support of EANET projects and activities that **promote scientific research** that leads to **policies and actions**.”
- Strategic partnerships can be **general agreements** with PCs and organizations on supporting acid deposition and air quality management in East Asia but is recommended to include **a specific focus leveraging** EANET’s resources and expertise such as
 - (a) supporting scientific research on atmospheric environmental challenges considering the Annex to EANET Instrument,
 - (b) air quality monitoring and ecosystems impact assessment,
 - (c) training of government officials and key experts, and
 - (d) improving the science-policy-action interface to improve the atmospheric environment in the region.
- Strategic partnerships can also be used to co-create projects and fundraising for more EANET projects.

Partnership and Resource Mobilization Strategy for the EANET

Participating Countries

- Provide the **right amount** of voluntary financial contribution in a timely manner
- Expand and/or improve the **air quality monitoring network** as part of the EANET, e.g. new sites, additional air pollutants based on the Annex of the EANET Instrument
- Conduct **specific training** based on the priority of the PC not only at the national level, e.g. on using air quality monitoring technologies, development of VOC ambient air quality standards, managing nitrogen atmospheric emissions, ecosystems impact assessment of the atmospheric environment, etc.
- **Reach out to existing and new national institutions** to support activities and/or co-develop EANET projects for example, discuss with other **national government agencies** including **bilateral development agencies** to support EANET projects and activities
- **Establish a process** to effectively communicate acid deposition and air quality management information to policymakers
- **Explore the possibility of establishing and/or working with national technical center(s)** to support the development and implementation of activities and EANET projects, e.g. CRAES could play a substantive role in supporting the development of policies and measuring their impact, considering the recent successes of China in substantively reducing air pollution – the tools and technologies can be shared with EANET particularly with the low- and middle-income countries in the EANET.

Partnership and Resource Mobilization Strategy for the EANET

Bilateral and Multilateral Development Agencies

Bilateral Development Agencies of the EANET PCs:

- **Support the co-development of EANET projects** with their countries' bilateral development agencies in the region, and if feasible, **support organizations within the EANET to access the funding** from the bilateral development agencies to support EANET projects and activities, in compliance with the EANET Project Fund and Guideline
- **Explore cooperation** with bilateral development agencies to support ongoing and planned projects on acid deposition and air quality management in the EANET region and identify concrete joint activities to supplement their work, e.g. TICA's work in supporting the capacity building on air quality management in Mekong region; JICA's project in Mongolia; KOICA's support for RAPAP and ASEAN. Other project activities by bilateral development agencies could also be implemented through EANET where relevant and useful, and in compliance with the EANET Project Fund and Guideline

Bilateral and Multilateral Development Agencies outside of the EANET region:

- **Explore the co-development of projects and activities** to support EANET activities,
- In some cases, EANET entities can **consider participating in the tendering process** of other bilateral and multilateral development agencies, in **compliance with the EANET Project Fund and Guideline**

Partnership and Resource Mobilization Strategy for the EANET

United Nations Agencies and ASEAN

- Strengthen or encourage more cooperation with UNEP and develop joint activities
- Consult ESCAP on the status of the implementation of RAPAP and discuss how EANET can complement and explore joint project development, e.g. using EANET long-term AQ data and analysis to support regional and/or national studies
- Support the Air Quality Management Exchange Platform (AQMx) being led by CCAC and UNEP
- Follow-up on the agreement with WMO on data sharing, and explore other joint activities
- Explore the possibilities to work with FAO on addressing forest fires and application of satellite instruments to monitor air quality hotspots

Partnership and Resource Mobilization Strategy for the EANET

Foundations and Philanthropies

- Maintain regular communication with foundations and philanthropies to keep them updated on EANET's work
- Consult few Foundations and Philanthropies and seek their support for EPF and/or co-develop projects specific to Foundation's priorities

NGOs and Research Institutions

- Ensure that key NGOs and research institutions are subscribed to the EANET Newsletter, and/or are aware of EANET activities
- Explore with few NGOs, like Clean Air Asia, WRI, etc. and develop joint projects

Private Sector

- Start discussion with PCs that are interested in engaging with the private sector in monitoring activities and research (data, impact and research, communication and awareness).
 - Work with PCs to obtain private sector (from EANET region) to support EANET activities at country and/or regional levels
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Actions Required

The WG2024 is invited to review the document “Consideration of the Draft Partnership and Resource Mobilization Strategy” and may wish to discuss, consider, and provide guidance for further action to the 26th Intergovernmental Meeting (IG26) to be held in November 2024, as appropriate.

Thank you



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