

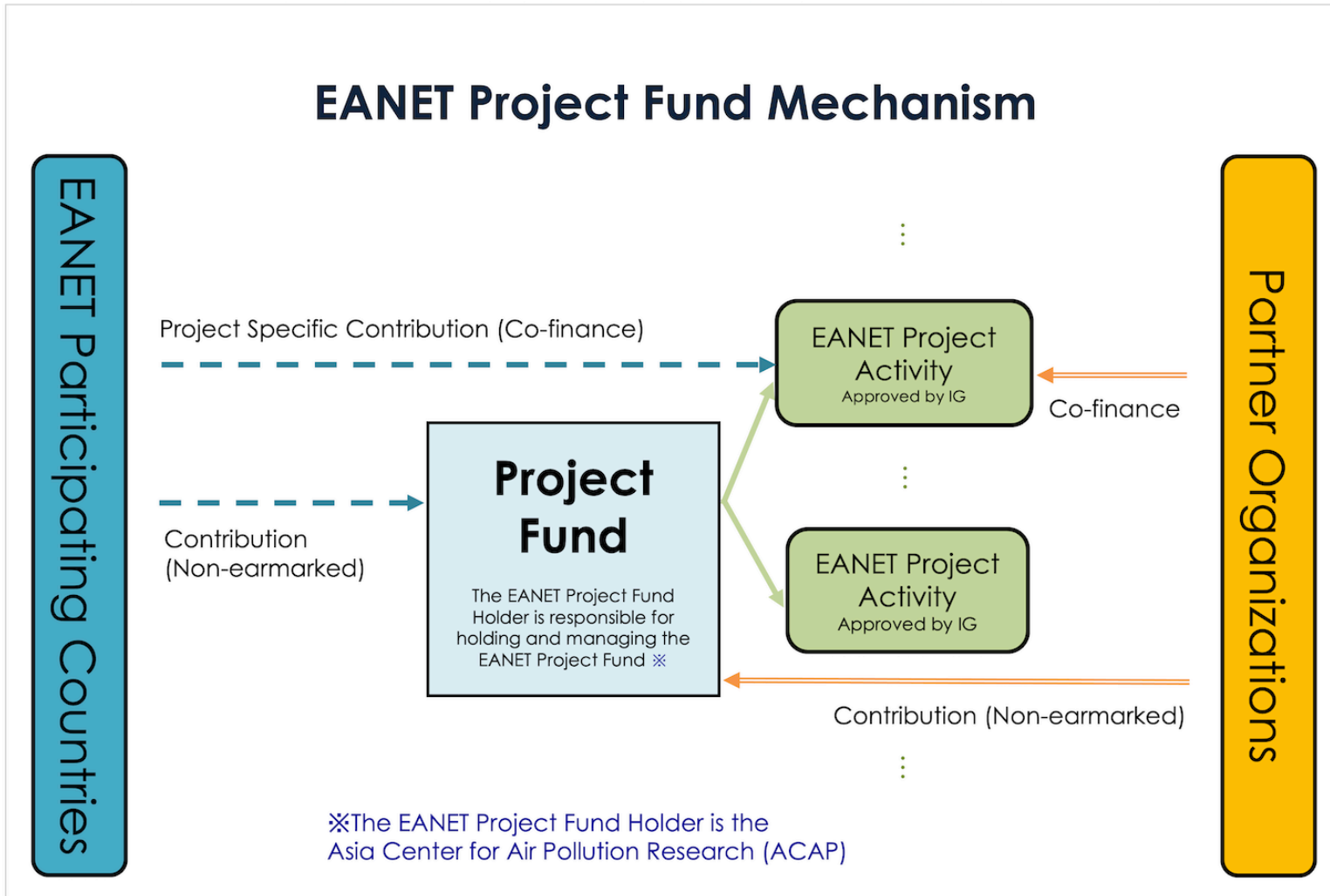


*The Network Center for the Acid Deposition Monitoring Network in East Asia*

# INTRODUCTION OF EANET PROJECT FUND AND PROJECT ACTIVITIES IN 2022-2023



## EANET Project Fund Mechanism



- The EANET Project Fund is a new financial mechanism allowing EANET to build co-financed EANET Projects with partners in the region and beyond, as approved in the IG 23 on Nov 2021. The EANET Project Fund can diversify and enhance engagements with other similar organizations in the region
- EANET PCs can directly contribute to the Project Fund with non-earmarked contributions and/or by directly co-financing specific EANET Project Plans
- Partner organizations can also directly contribute to the Project Fund through non-earmarked contributions and/or by directly co-financing specific EANET Project Plans



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## The EANET Project Cycle



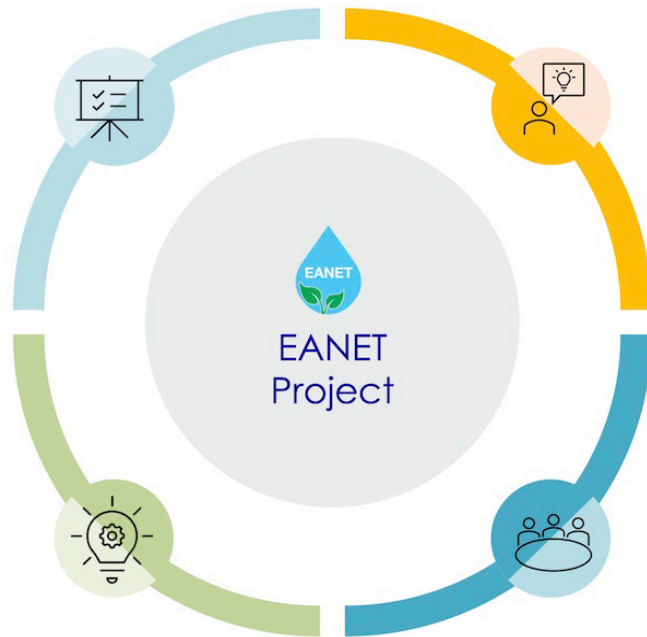
### 4. Completion Stage

Implemented activities, outputs and outcomes of the Project shall be reported to IG and relevant stakeholders, and then evaluated by IG.



### 3. Implementation Stage

Activities specified in the Project Plan will be implemented in line with it, and using the resources allocated from Project Fund.



### 1. Preparation Stage

The Project Lead develops a project proposal including objectives, activities, required resources, the requested amount from the Project Fund, implementation arrangements, and other key factors.



### 2. Approval Stage

The Intergovernmental Meeting on the EANET (IG) reviews the project proposal, and approves it if appropriate, as the Project Plan of EANET Project, including the allocated amount of the Project Fund.

Project Proposal Submission to the Secretariat

Screening review by the Sec and NC for the EANET

Reviewed and Discussed at EANET Working Group Meeting

Reviewed and Discussed at EANET Scientific Advisory Committee Meeting

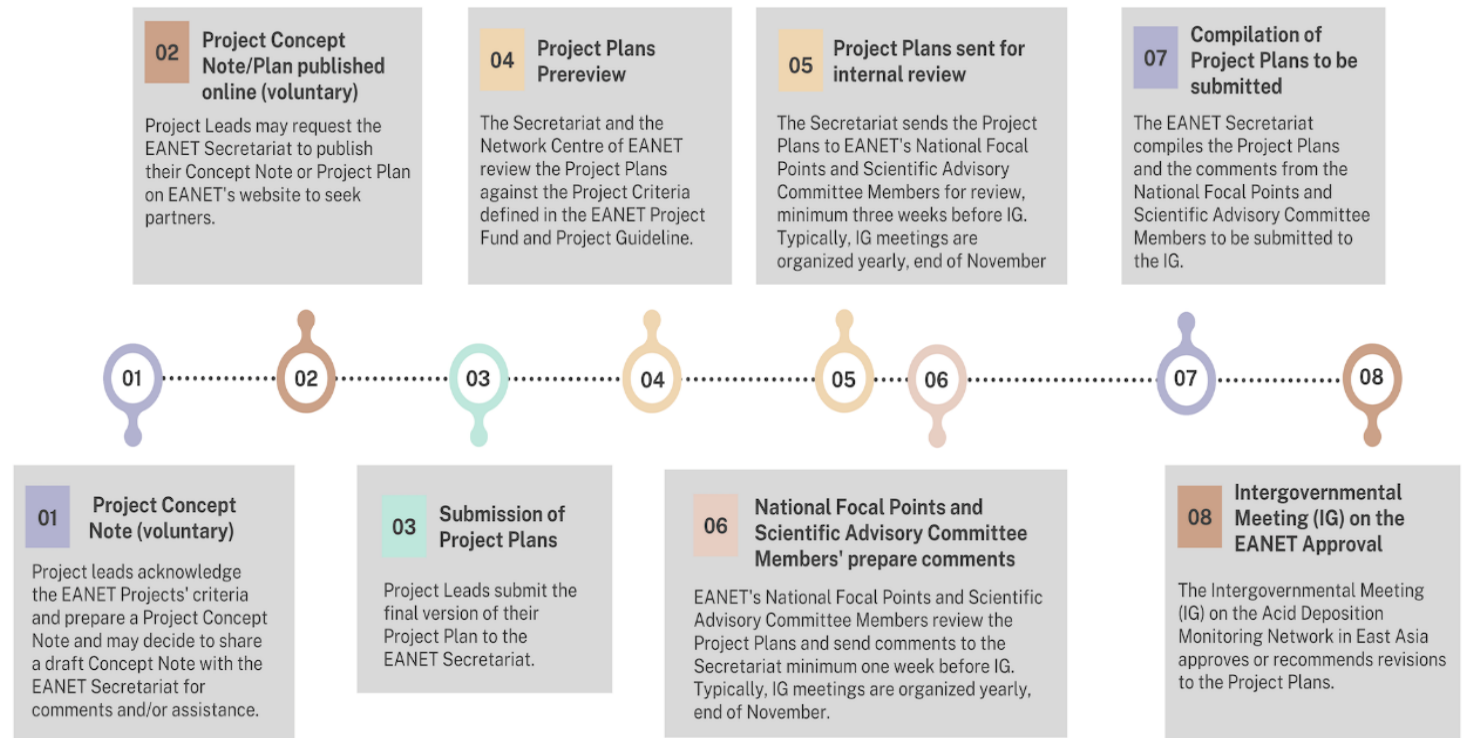
Reviewed, Discussed and **Approved** at EANET Intergovernmental Meeting



# Ideal Schedule of Submission of Project Concept Notes and/or Project Plans

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Call for Project Proposals	Green	Green	Green	Green	Green							
Submission of Project Concept Notes					White							
Submission of Project Plans					White	White						
Review and Discuss at Working Group (WG) Meeting								White				
Review and Discuss at Scientific Advisory Committee (SAC) Meeting										White		
Review, Discuss and approve at Intergovernmental (IG) Meeting											White	

## EANET Projects' Submission Typical Timeline



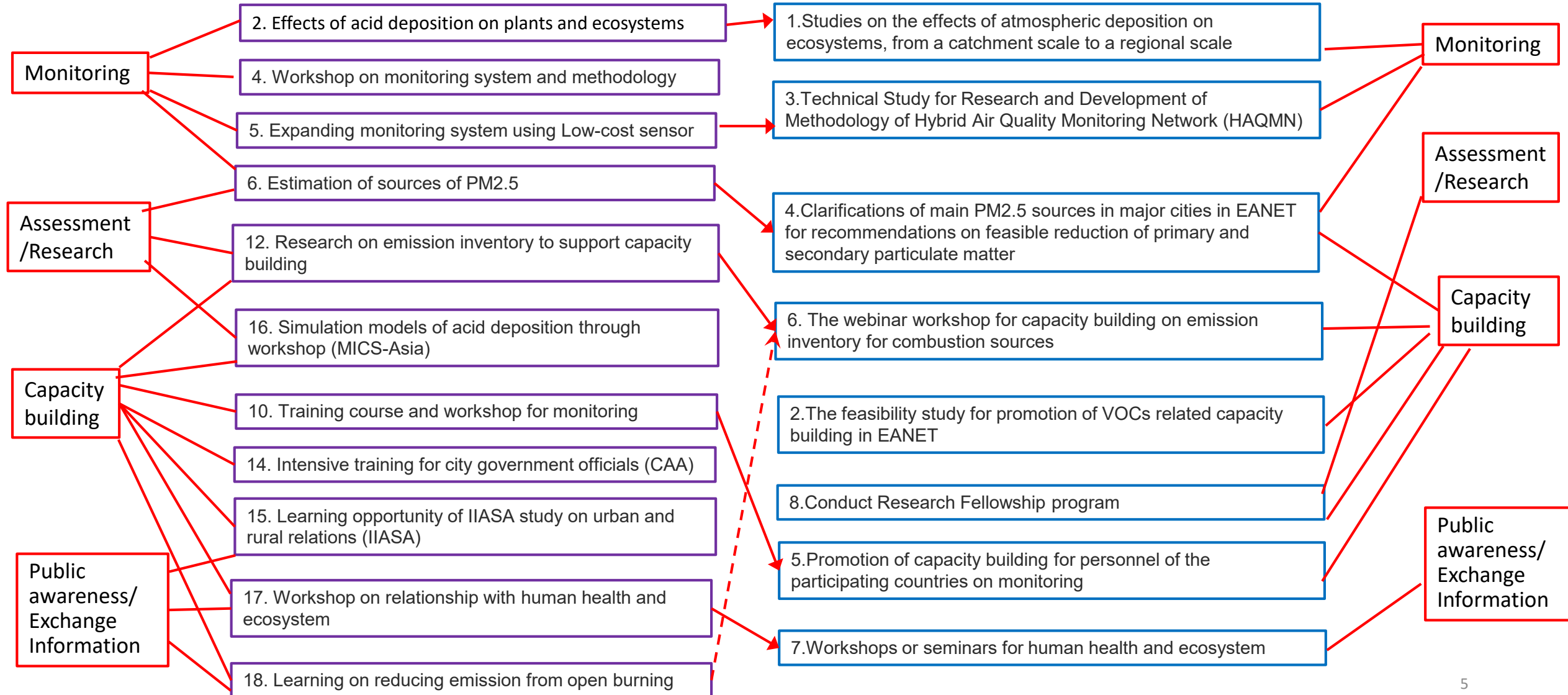


# EANET Projects in 2022 and Proposed Project Plans (Draft) in 2023

All Projects have to be approved by IG

## 2022 (11 Projects)

## 2023





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## For more details please contact

**EANET** Acid Deposition Monitoring Network in East Asia MENU



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## *The Network Center for the Acid Deposition Monitoring Network in East Asia*

### Studies on the effects of atmospheric deposition on ecosystems, from a catchment scale to a regional scale (Draft)

- This project provides the knowledge on responses of forest ecosystems, from a catchment scale to a regional scale. Long-term trends at a forested catchment in Niigata, Japan and other catchment-related EANET data will be assessed taking account of interlinkages with extreme weather.
- Appropriate methodologies for impact assessments on a regional scale will also be studied in cooperation with other research groups in the EANET PCs and the MICS-Asia community.
- Scientific outcomes obtained through the activities above will be shared with the EANET PCs not only through scientific publications but also through EANET meetings and thematic workshops/seminars.



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## The Feasibility for promoting VOCs related Capacity Building in the EANET (Draft)

- Understand the VOCs monitoring status in EANET, based on understanding of VOCs status in pilot cities.
- Capacity building towards preparing for the VOCs monitoring in pilot cities
- Formulate policy implication to improve the VOCs management in coordinately controlling PM<sub>2.5</sub> and ozone, and provide VOCs related policy recommendations to the pilot cities and other activities including VOCs related researches with pilot cities.





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## Methodology Study for Development of LCS Hybrid Air Quality Monitoring Network (HAQMN) (Draft)

- Research the accuracy of air quality monitoring using several types of low-cost sensors compared to a reference level monitors on a trial basis under various air quality and climate conditions in EANET participating countries.
- Develop practical technical documents that would support the introduction and operation of the hybrid air quality monitoring network (HAQMN) in EANET participating countries.



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## PM<sub>2.5</sub> source apportionment in major cities in EANET for recommendations on feasible reduction policy (Draft)

- Assess PM<sub>2.5</sub> source contributions using the data of organic substances and other components in PM<sub>2.5</sub> collected in EANET participating countries.
- PM<sub>2.5</sub> samples are collected in major cities in EANET, and the chemical components of PM<sub>2.5</sub> such as ions, carbonaceous compounds, trace elements and organic markers will be analyzed.
- Regional and seasonal characteristics of the chemical components of PM<sub>2.5</sub> will be clarified.
- Finally, PM<sub>2.5</sub> source contributions is evaluated by the receptor models and the time profiles of the chemical components PM<sub>2.5</sub>.



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## The webinar workshop for capacity building on emission inventory for combustion sources (Draft)

- Provide a capacity building opportunity to learn emission inventory focusing on combustion sources by holding a webinar workshop.
- Understand roles of emission inventory in air quality management
- Learn basic methodologies to estimate emissions from major stationary and mobile combustion sources
- Information sharing of status and control measures of emissions from major combustion sources in PCs that is expected to provide references for considering and updating air pollution policies related to participants



## Organize workshops or seminars for human health and ecosystem (Draft)

- To obtain scientific knowledge on the relationships between the atmospheric environment and human health including epidemiological methodology and between the atmospheric environment and ecosystems
- To learn science-based policy experiences on reduction of atmospheric pollutants in other regions, such as Europe



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### **Promotion of capacity building for personnel of the participating countries on monitoring (Draft)**

#### **➤ In-person training for lab activity**

Measurement of pH, EC, ions, making Filter Pack (FP) filters, extracting FP samples, filtration of FP and rain samples, Ion Chromatograph (IC) analysis and checking results of IC, practicing maintenance of PM2.5 monitor and calibration of ozone monitor, site visit etc.

#### **➤ Online training of lecture**

Atmospheric deposition, automatic monitor maintenance (PM2.5, O3 monitor etc.), IC lecture (principle, troubleshooting etc.), data analysis, Soil and vegetation/Inland aquatic environment

### **Research Fellowship program (Draft)**

- About two researchers are invited among applicants to come to ACAP and implement research study for 8 weeks under supervision of senior researchers of ACAP as the supervisor for the research fellow. The theme of research study is flexible if it is relevant to EANET.
- This activity has been carried out annually since 2005 for one/two researchers in EANET participating countries.

THANK YOU FOR YOUR  
KIND ATTENTION !