



Draft Progress Report of the EANET Core Activities since SAC25

The Twenty-sixth Session of the Scientific Advisory Committee (SAC26)
on the Acid Deposition Monitoring Network in East Asia (EANET)
20-22 October 2026, Kuala Lumpur, Malaysia (Hybrid)

Introduction

1

Outcomes of IG27

27th Session of the
Intergovernmental Meeting —
27–28 November 2025

Formal decisions adopted on
MTP 2026–2030, PRSAE5,
budget, SEACAI, and Sri
Lanka.

2

Progress and Key Activities in 2026

Achievements, implementation
status, and future priorities
across Outcomes 1, 2, and 3
of the MTP 2026–2030
framework.

Outcomes of the IG27

27th Session of the Intergovernmental Meeting — 27–28 November 2025

Role of IG27

- EANET's highest decision-making body, where representatives of all Participating Countries review activities and adopt key decisions, including the Work Programme, Budget, and strategic plans of the Network.
- Decisions adopted at IG27 are binding formal decisions of the network, including approval of the MTP, budget, and membership matters.

Key Agenda Items

- MTP 2026–2030 (adoption)
- PRSAE5 (approval)
- Data Report 2024
- ILC Report 2024
- HAQMN Guidelines
- 2026 Work Programme & Budget
- 11 Project Plans
- SEACAI Data Sharing
- Sri Lanka Membership

IG27 Key Decisions

MTP 2026–2030 & PRSAE5

Medium-Term Plan (MTP) 2026–2030 Formally Adopted

MTP formally adopted: IG27 adopts the Medium-Term Plan (MTP) for the EANET (2026–2030). This is the governing strategic framework for all EANET activities over the five-year period.

Reports Endorsed by IG27

- **Data Report 2024** — endorsed.
- **ILC Report 2024** — endorsed.
- **HAQMN Guidelines & Technical Manual** — endorsed with modifications.

Fifth Periodic Report on the State of Atmospheric Environment in East Asia (PRSAE5) — Approved

- **Updated title approved:** "The Fifth Periodic Report on the State of Atmospheric Environment in East Asia (PRSAE5)" — as endorsed by SAC25.
- **Chapter structure approved:** Structure of chapters and contents of PRSAE5 endorsed by SAC25 approved by IG27.
- **Data policy adopted:** Regional Assessment (Part I) is, in principle, prepared based on EANET data. Other monitoring data and peer-reviewed literature may be used for reference only — not for direct evaluation.
- **Implementation plan approved:** NC tasked to organise the first Lead Authors Meeting in December 2025.

IG27 Key Decisions

Budget & SEACAI & Sri Lanka

2026 Work Programme & Budget — Approved

- **Core Activities Budget approved:** Work Programme and Budget of EANET Core Activities in 2026 approved.
- **11 Project Plans approved:** 11 EANET Proposed Project Plans in 2026 approved with sufficient fund allocation. (Note: SAC25 had recommended 12; IG27 approved 11.)
- **Working Group Meeting 2026:** Secretariat tasked to organise a WG Meeting in 2026 to discuss EANET Project Plans for 2027.
- **Financial discipline:** Secretariat and NC requested to align expenditures with actual contributions from Participating Countries; to produce a mid-year cash flow report and adjust expenditure based on cash received.

SEACAI Data Sharing Collaboration

- **Discussions initiated:** IG27 takes note of the initiation of discussions with the French National Research Institute for Sustainable Development (IRD).
- **Concept note to be shared:** Secretariat tasked to send the full concept note on SEACAI to National Focal Points.

Sri Lanka Membership

- **Financial analysis tasked:** Secretariat to conduct an analysis on the financial implications of inviting Sri Lanka to join as a full member of EANET.
- **Observer status invited:** Sri Lanka invited to join SAC26 as an observer (online) to present their interest in joining EANET.

EANET's Three Strategic Outcomes

The MTP 2026–2030 is structured around three interconnected outcomes that together advance air quality science, policy, and regional cooperation across East Asia.

1

Outcome 1

Understanding of air pollution and atmospheric deposition is built through strengthened monitoring — focusing on PM_{2.5}, O₃, NO_x, and NH₃.

2

Outcome 2

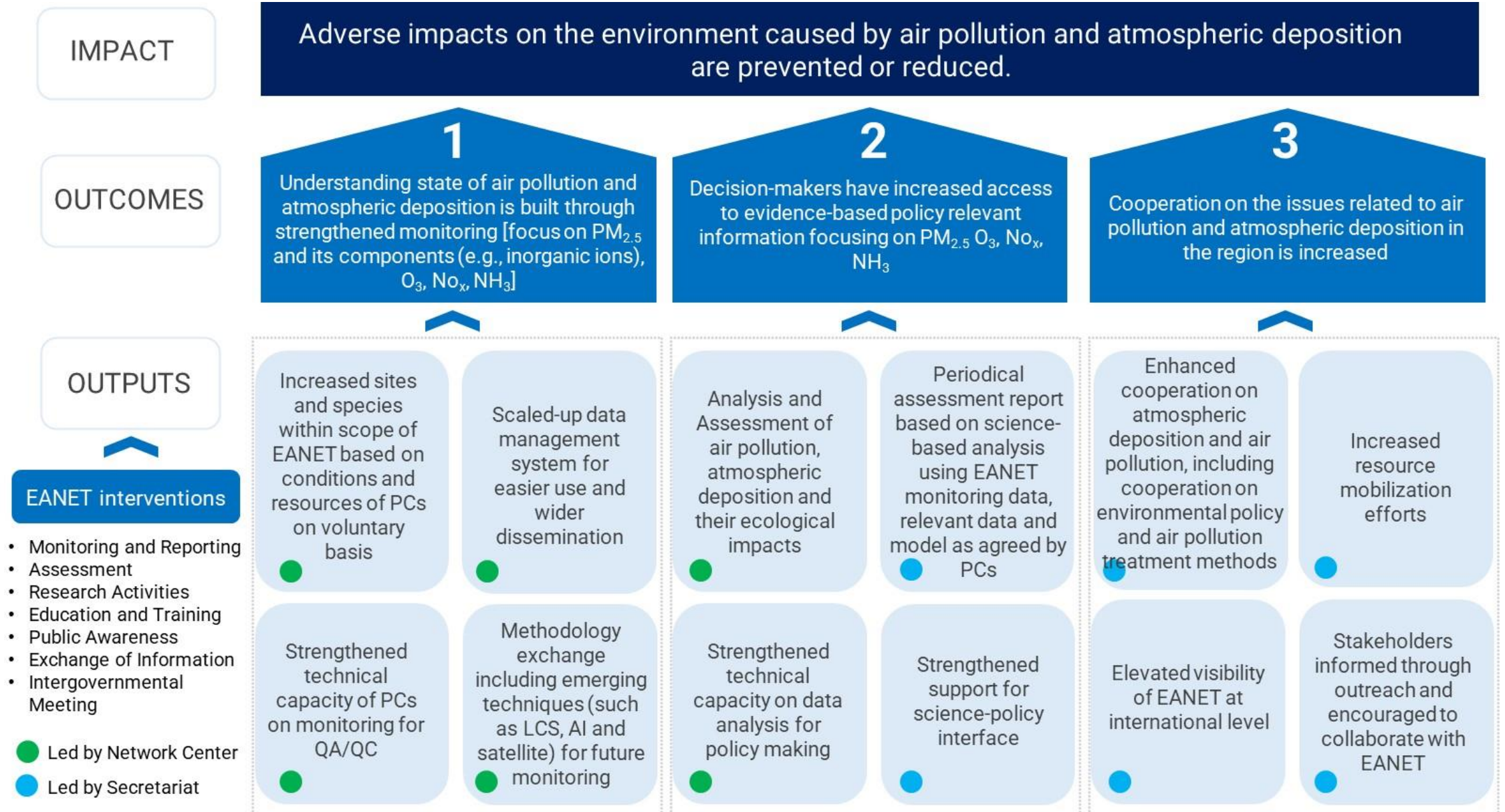
Decision-makers at local, national, and regional levels have increased access to evidence-based, policy-relevant information.

3

Outcome 3

Regional cooperation and institutional capacity are strengthened to sustain EANET's long-term scientific and policy functions.

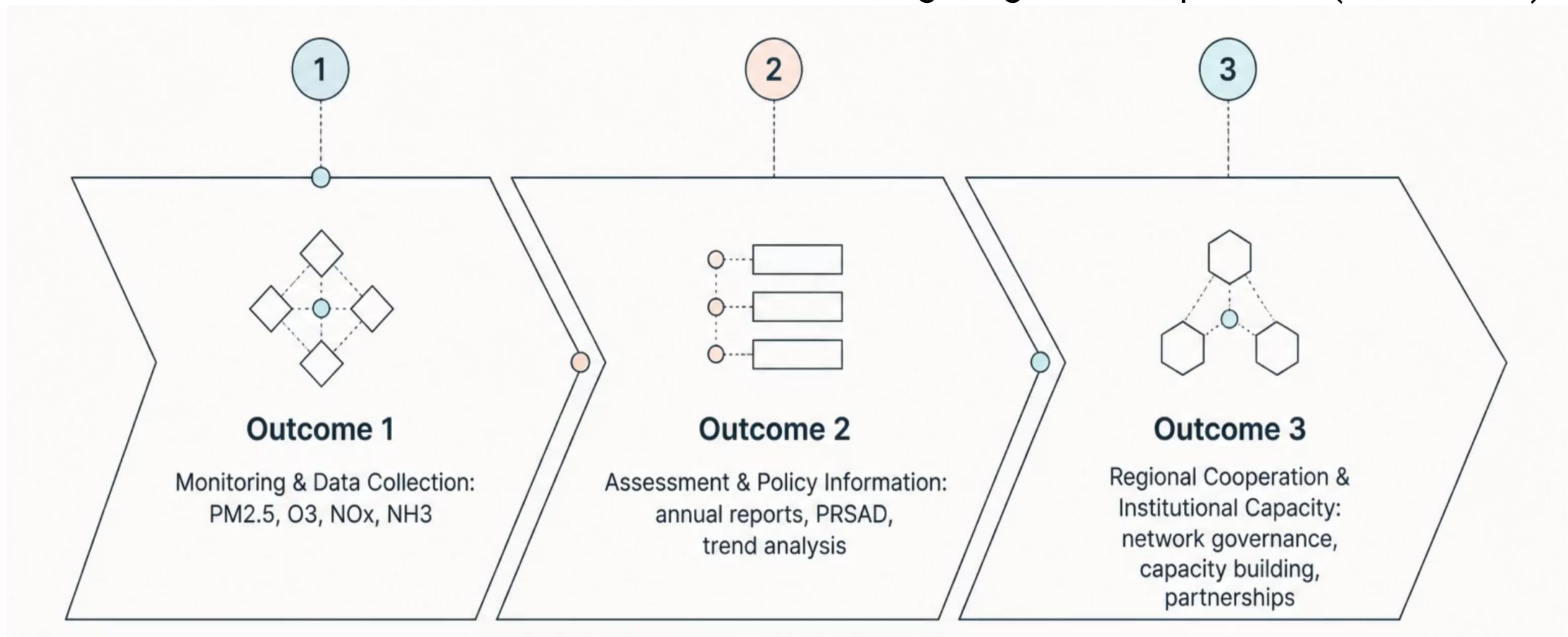
Proposed Theory of Change for the MTP (2026-2030) for the EANET



Linkages Among the Three Outcomes

The three outcomes form a science-to-policy chain:

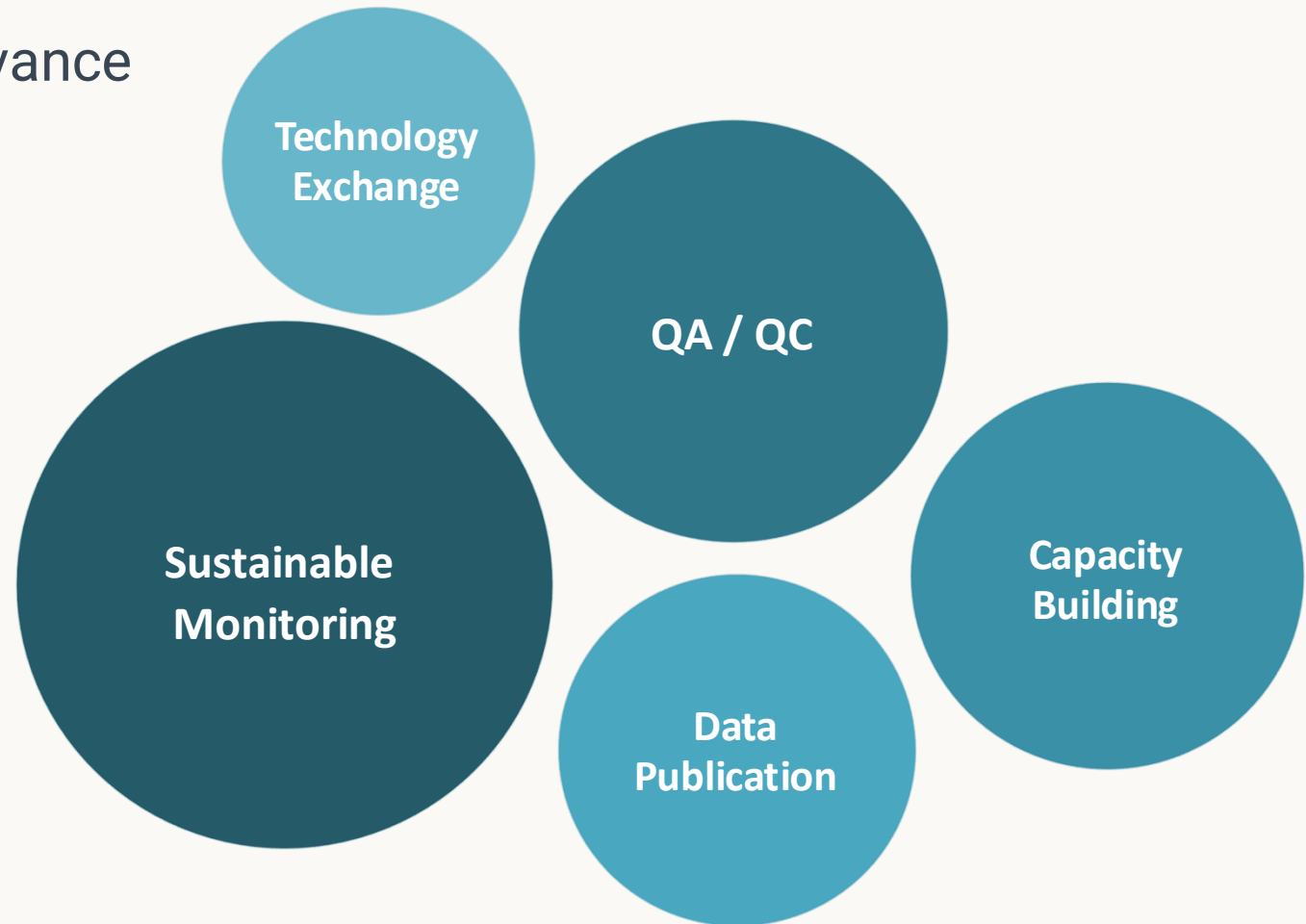
- robust monitoring data (Outcome 1)
- feeds evidence-based assessments (Outcome 2),
- which are sustained and disseminated through regional cooperation (Outcome 3)



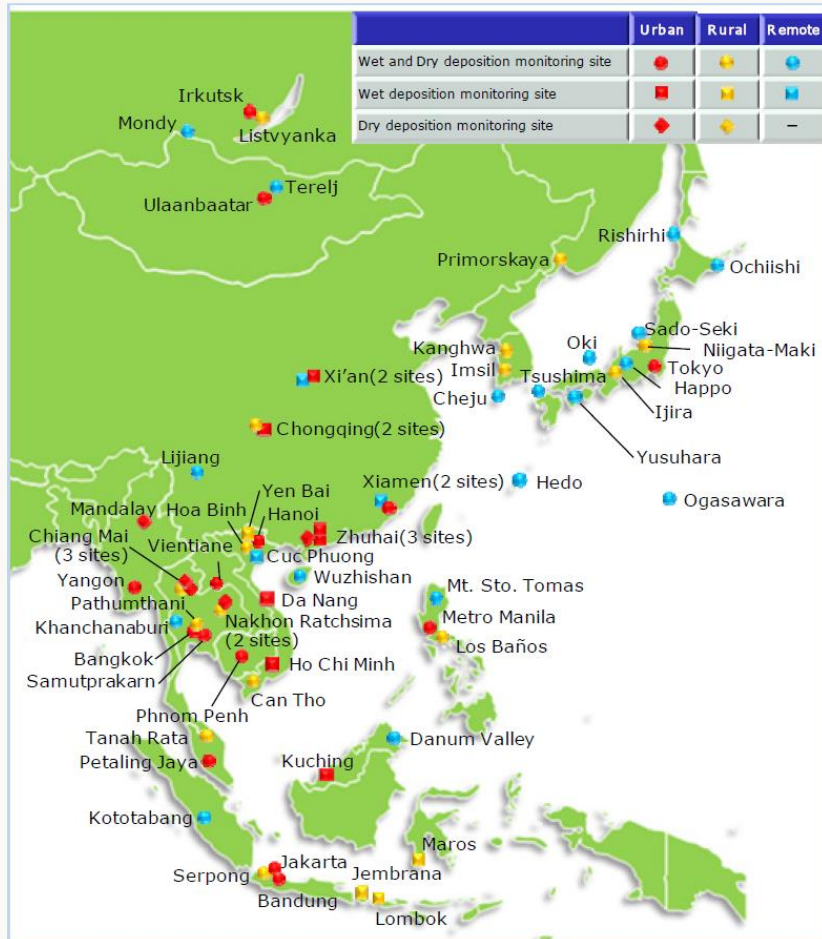
Overview: Monitoring Activities (Jan–Sep 2026)

Five core activities under Outcome 1 advance

- ground monitoring,
- data quality,
- capacity building,
- technology exchange across EANET Participating Countries.



Sustainable Monitoring of Air Pollution



Key Progress

- National Monitoring Plans (NMP) 2026 requested from all PCs by end of June
- Nitrogen deposition data (2025) to be calculated using wet + dry deposition data
- Regular catchment monitoring ongoing: Lake Ijira (Japan) and La Mesa Watershed (Philippines)
- Technical mission to Cambodia conducted 8–12 June; consumable shortages for ozone monitor identified and being resolved

Quality Assurance & Quality Control (QA/QC)

Filter Pack Comparison

Norwegian Institute for Air Research (NILU) filter pack vs. other holder types — results reported at 4th TFAE meeting (30 June).

Inter-Laboratory Comparison (ILC) Projects 2026

Samples prepared for 4 ILC surveys (wet deposition, dry deposition, soil, artificial surface water); to be shipped to PCs.

ILC 2025 Results

Results received from PCs; to be evaluated at STM27. Report to be adopted at SAC26 and published thereafter.

O₃ Calibration

Ozone monitor in Cambodia calibrated using NC standard during June mission.

Capacity Building Programs

Technical Training

Two countries invited to basic EANET monitoring training in October 2026.

Session 2 of the TNT & Capacity Building Program under core activities are taking place together during 19-23 October.

Technical Missions

Missions to **Indonesia** has successfully finished and **Vietnam** is planned in the coming month.

The closer communication and preparation of mission plan has undertaken.

Data Publication & Technology Exchange

Data Report 2024

Published and disclosed via EANET website – includes hourly, weekly, and bi-weekly monitoring data.

Data Report 2025

PCs are requested to submit 2025 data.

Draft was reviewed at STM27 and will be adopted at the SAC26.

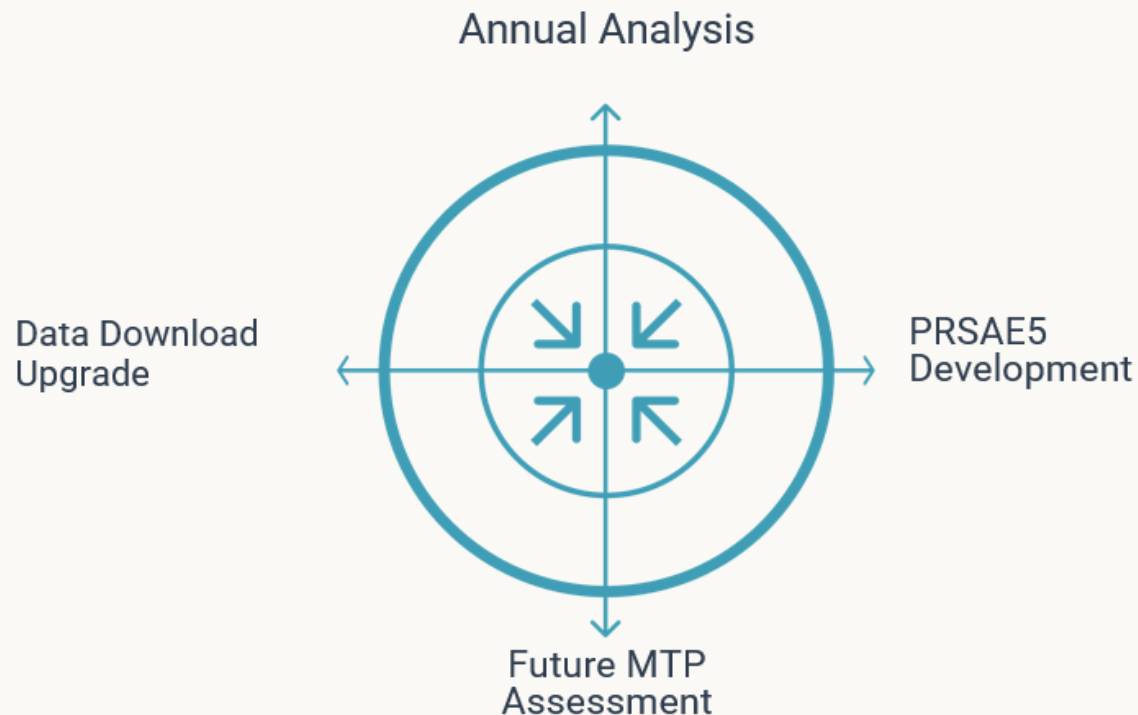
Technology Workshop

Joint workshop on PM2.5 source information held 12 June – covering satellite data, ground observations, and modeling for pollution source identification.

OUTCOME 2

Overview: Policy-Relevant Information (Jan–Sep 2026)

Activities under Outcome 2 translate monitoring data into assessments and accessible tools for decision-makers at all levels.



OUTCOME 2 – ACTIVITY 6

Annual Analysis & Assessment

- ☐ Deposition and air concentration trends (O_3 , $PM_{2.5}$, NO_x , NH_3)
- ☐ Acidification recovery in forest catchments
- ☐ Nitrogen deposition and ecosystem impacts
- ☐ Regional atmospheric deposition and ecological effects

PRSAE5 Development

The 5th Periodic Report on the State of Atmospheric Environment in East Asia (PRSAE5) is the flagship assessment product for MTP 2021–2025.



Data Download System Upgrade

Registered Users

417 accumulated valid registered users as of 13 April 2026 — an increase of **60 users** over the past year.

System Improvements

The EANET Data Report and Download System on the EANET website continues to be upgraded and maintained to enable easier access and wider dissemination of monitoring data for policy use.

ACTION REQUIRED

SAC26 is invited to

- SAC26 reviews the reports from scientific and technical perspectives.
- SAC26 provides comments and recommendations.
- The reviewed reports will be submitted to IG28 for further guidance and consideration.

Thank you



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