EANET/IG28/4/1/P/NC

Draft Progress of the EANET Core Activities since the 27th Session of the Intergovernmental Meeting (IG27) on the EANET in November 2025

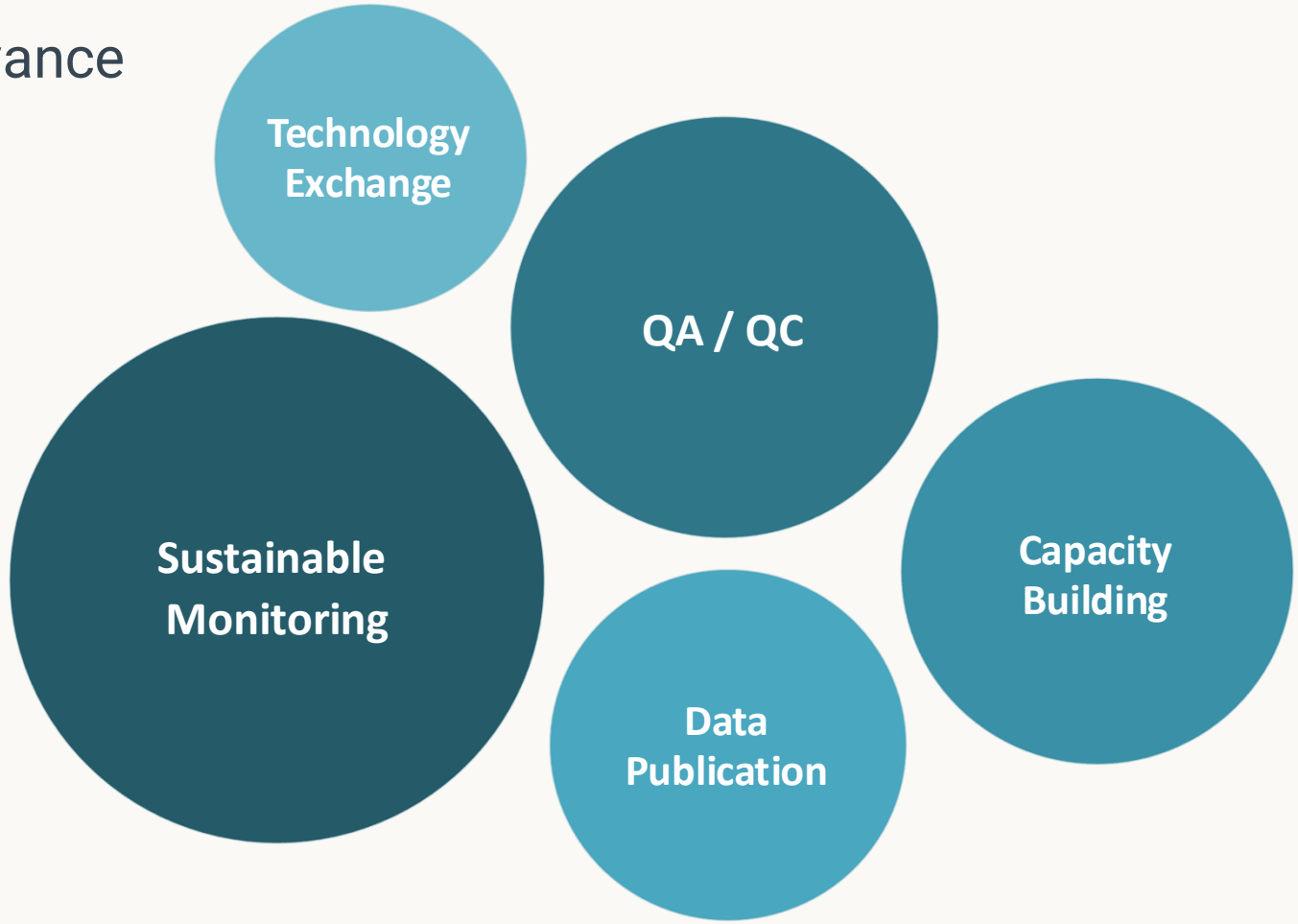
The Twenty-eighth Session of the Intergovernmental Meeting (IG28)
on the Acid Deposition Monitoring Network in East Asia (EANET)
24-26 November 2026, Niigata, Japan

OUTCOME 1

Overview: Monitoring Activities (Jan–Oct 2026)

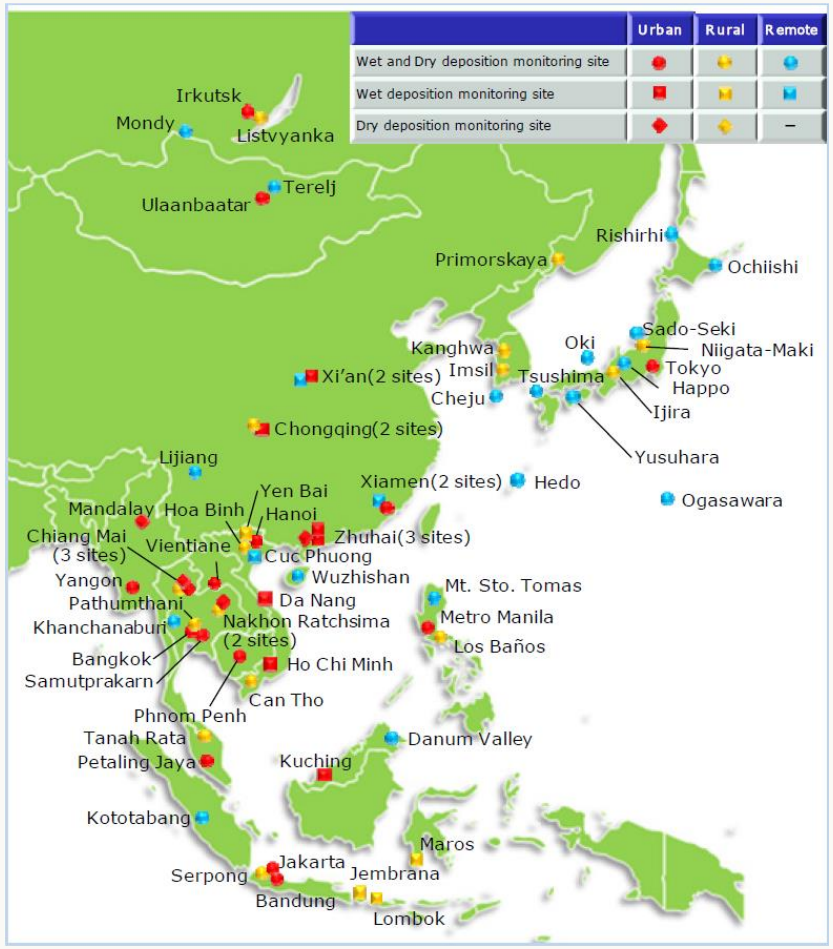
Five core activities under Outcome 1 advance

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



OUTCOME 1 — ACTIVITY 1

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

OUTCOME 1 — ACTIVITY 2

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) and shipped to PCs.

ILC 2025 Results

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

O_3 Calibration

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

OUTCOME 1 — ACTIVITY 3

Capacity Building Programs

Technical Training

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

Capacity Building Program under core activities was conducted together with the Session 2 of the TNT during 19-23 October.

Technical Missions

Missions to **Indonesia** has successfully finished and **Vietnam** is planned in December.

OUTCOME 1 — ACTIVITY 4 & 5

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 the SAC26 was adopted at.

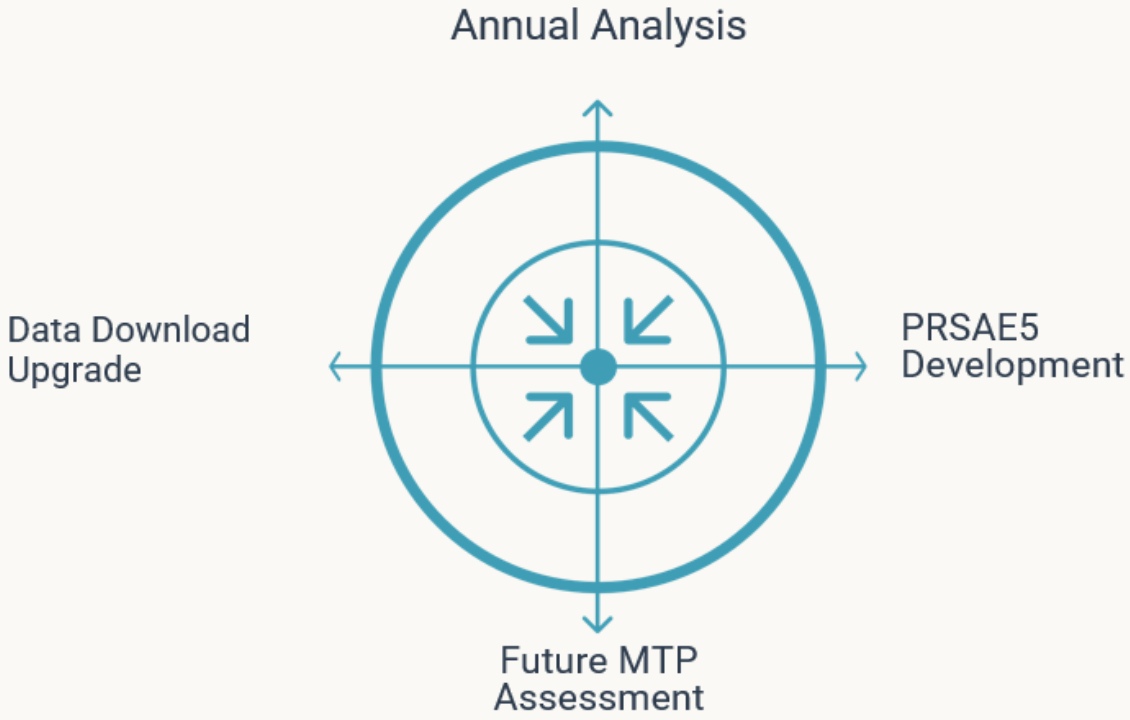
Technology Workshop

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, PM2.5, 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.

1. **Jan 2026**
   LAM1 held (virtual) — preparation of first draft
2. **Apr 2026**
   DC2/LAM2 held (virtual)
3. **Jul 2026**
   DC3/LAM3 (29 July) — draft circulated to all authors in August
4. **Sep 2026**
   Final draft circulated to DC, SAC, and NFPs
5. **Oct 2026**
   Adopted with modification at SAC26
6. **Nov 2026**
   Revised final draft circulated to SAC, and NFPs
   Approved at IG28
7. **Dec 2026**
   Published

OUTCOME 2 — ACTIVITY 11

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.

STM meeting 27 was held in Indonesia on 2-3 September 2026

- The meeting was attended by 39 participants from EANET member countries.
- The STM27 shared updates on EANET monitoring activities, reviewed key results in 2025, discussed monitoring plans for 2026 and the progress of related projects.



The NC extends its heartfelt gratitude to the Government of Indonesia for hosting STM27, for its outstanding cooperation and support throughout the preparation and implementation of the meeting, and for providing in-kind support valued at more than USD 2,000.

ACTION REQUIRED

The IG28 is invited to

- review the document and may wish to discuss
- make comments and suggestions
- provide guidance, as appropriate.

Thank you



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