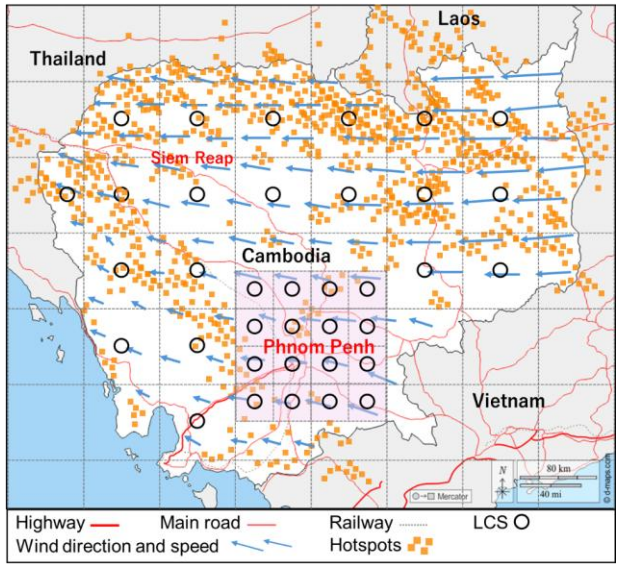
Possible topic of new project
- Impact of regional haze effect on urban area -

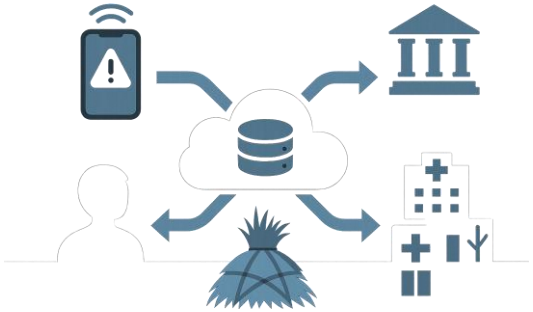
PM2.5 emitted from open burning may affect urban air quality

Approach	Key output	Impact / Policy Relevance



- Deploy LCS networks across suburban and urban areas
- Capture regional transport and spatial flow of PM2.5
- Integrate LCS data with meteorological information

- Assessment of biomass-burning contributions to urban PM2.5 levels
- Identification of haze occurrence patterns and affected regions



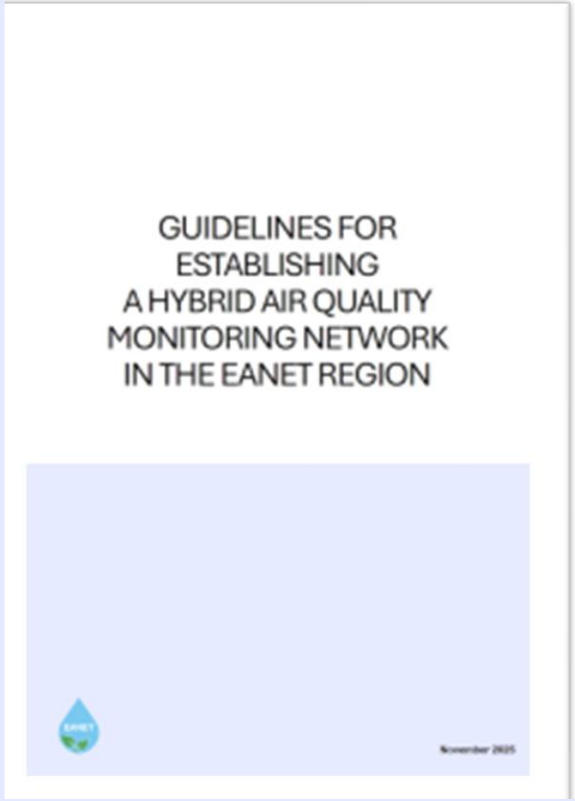
Foundation for the data-sharing platform for strengthened regional cooperation

Support science-based air quality management and regional countermeasures

Establish Hybrid Air Quality Monitoring Network (HAQMN) Guideline and manual

HAQMN Guideline

Strategic direction for policymakers and planners



Provide a strategic framework for integrating LCS into existing reference networks

Help countries in the region and beyond expand monitoring capacity methodically and consistently

LCS Technical Manual

Operational guidance for technicians and practitioners

Provide detailed, operational instructions and maintaining LCS within hybrid networks.

Instruction for LCS assembly, installation, calibration, site preparation, communication systems, maintenance, and safety.

Take Home Message

- EANET/ACAP has already implemented the technical study collaborated with the ADB, obtaining the accurate data, building capacity, and establishing the Hybrid Air Quality Monitoring Network (HAQMN) guideline and the technical manual.
- The social implementation of LCS into the air quality monitoring, in collaboration with stakeholders and partner organizations for future sustainable monitoring system.
- Contact yuba@acap.asia for more information.