



# Integrated Programme for Better Air Quality in Asia (IBAQ Programme )

Dang Espita Casanova  
Associated Program Director

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**Clean Air Asia** is an international non-governmental organization that leads the mission for better air quality and healthier, more livable cities in Asia.



A UN recognized partnership network comprised of more than 250 organizations around the world, including country partners in the region

# Integrated Programme for Better Air Quality in Asia (IBAQ Programme)

**Objective:** To improve air quality and strengthen climate action, and contribute to more livable and healthy cities in Asia

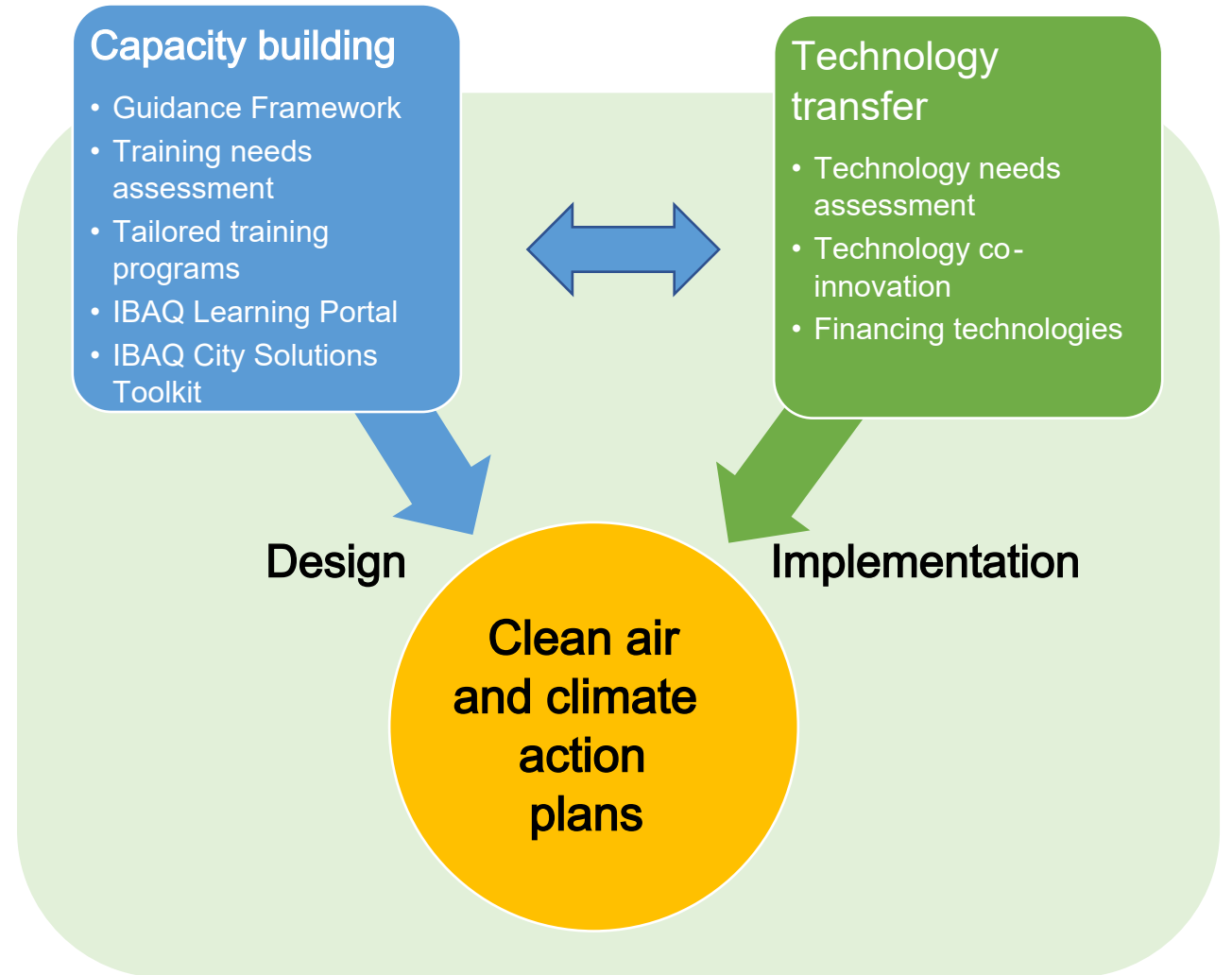
**Focus:** Cities with high impact potential and potential for leveraging wider change

**Clean Air Asia** is overall lead with implementing partners **IGES** and **ACAP**

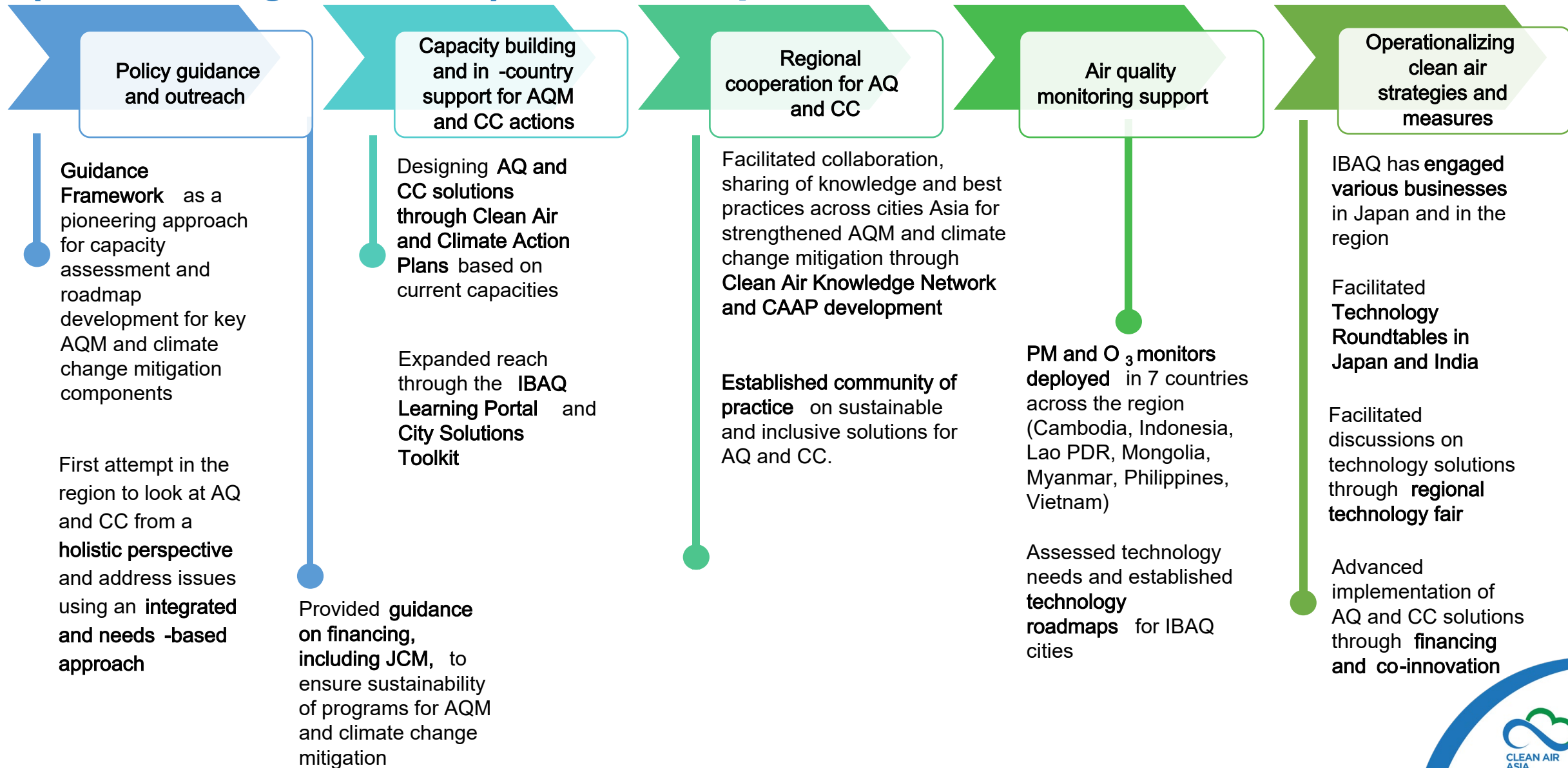
Supported by the **Ministry of Environment of Japan**

**Phase 1: 2014 to 2019**

**Phase 2: 2019 to present**



# Integrated Programme for Better Air Quality in Asia (IBAQ Programme): 2014 to present



# Strengthening the capacity of governments for clean air and climate action planning (CAAP)

## Mongolia



- National Action Program on Reducing Air Pollution
- National Emissions Inventory for Mongolia
- Capacity building for CAAP development in 22 cities/provinces
- CAAP development in Erdenet

## India



- AQM capacity assessment in 30 cities
- Capacity building for CAAP development in Indian Cities

## Viet Nam



- CAAP development in Faridpur, Bangladesh; Sialkot and Peshawar cities and provinces in Pakistan (Sindh, KPK, Balochistan, Punjab)
- Methane roadmap for Pakistan

## China



- Regional knowledge sharing platforms for AQM
- Capacity building for CAAP components in over 100 Chinese cities

## Philippines



- Clean Air Action Plan for Iloilo, Cagayan de Oro, La Trinidad, Marikina, Manila, Quezon City, Santa Rosa
- Establishment of air quality monitoring network in Manila and Quezon City
- Emission inventory for Iloilo, Santa Rosa, Pasig, Las Pinas, Manila, Marikina, Paranaque, Baguio, Quezon City
- Emission inventory, air quality modeling, and health impact assessment for La Trinidad, Limay and Mariveles
- Health mapping in Manila and Quezon City
- SLCP National Action Plan and Methane Roadmap for the Philippines

## Indonesia



- Clean Air Action Plan for Bogor and Tangerang
- Capacity building for health impact assessment and CAAP development for Indonesia cities

# Policies related to Air Quality Management in the Philippines

## 01 THE PHILIPPINE CLEAN AIR ACT OF 1999 (REPUBLIC ACT 8749)

Main guiding document outlining mandate of the government and steps to ensure air quality management in the country.

## 02 DENR ADMINISTRATIVE ORDER 2000-81 (RA 8749 IRR)

Detailed implementing guidelines of the Philippine Clean Air Act.

## 03 DENR ADMINISTRATIVE ORDER 2000-82 (IAQIF-AQCAP)

Detailed implementing guidelines to *“serve as the official blueprint with which all government agencies must comply with to attain and maintain clean and healthy air,”* through the Integrated Air Quality Improvement Framework (IAQIF) – Air Quality Control Action Plan (AQCAP).

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## DENR ADMINISTRATIVE ORDER 2013-13 & 2020-14 (ESTABLISHING PM<sub>2.5</sub> STANDARDS)

Establishment of the guideline values for PM<sub>2.5</sub>, and its AQI breakpoints, which were not included in RA 8749 and its IRR. Also includes monitoring

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## DENR EMB MEMORANDUM CIRCULAR NO. 2020-003 (CEMS FOR INDUSTRY EMISSIONS)

Streamlining of a uniform Data Acquisition and Handling System (DAHS) as a repository for Continuous Emissions Monitoring Systems (CEMS) and Continuous Opacity Monitoring System (COMS) data for industry emissions.

# AQM Programs and implementation: Opportunities

## ❑ National Air Quality Control Action Plan

- Develop implementation guidelines, frameworks, and roadmaps consistent with sector -specific goals
- Convene stakeholders and provide technical inputs to support the updating of the NAQCAP; November 2024: Call for public comments through Facebook on the draft Department Administrative Order

## ❑ Air quality monitoring

- Strengthen air quality monitoring system for more comprehensive, real -time data
- Enhance use of data for policy development and assessment, action plan development, and target setting

## ❑ Emission source identification

- Harmonize methods, coordinate efforts, and integrate datasets for emission inventory development

## ❑ Assessment of health and socio -economic impacts of air pollution

- Increase resource and capacity for studies assessing health and associated costs of air pollution

## ❑ Airshed approach to air quality management

- Target capital cities per airshed as a strategic approach as it offers potential for replication among other local government units; capital cities are the main urban emission source for their respective airsheds

# AQM Programs and implementation: Opportunities

## ❑ Clean air and climate action plan development, financing, and implementation

- Strengthen capacities of government and non-government stakeholders to conduct evidence-based planning especially for air quality and climate action
- Mainstream air quality and climate targets in city plans and streamline processes to identify synergies, maximize gains, and minimize trade-offs in identifying development targets
- Increase capacity for finance planning and resource mobilization to support action plan implementation
- Facilitate technology co-creation and exchange of best-practice among industries, cities, and countries



Bridging clean air knowledge, policy, technology, and financing solutions with governments and other stakeholders in the region

**BAQ 2023**  
BETTER AIR QUALITY  
CONFERENCE 15-17 NOV • MANILA



- 766 participants from 39 countries
- 117 presentations, 53 digital posters
- 32 panel discussions, 12 pre-events
- 26 partner organizations
- 10 exhibitors and start-ups

**60+ projects  
identified  
needing  
funding**

- Regional Cooperation (ESCAP, EANET)
- AQM in the Indo-Gangetic Plains & Himalayan Foothills (ICIMOD, World Bank)
- Collaboration to Promote Integrated Actions (IIASA, MOEJ, IGES)
- Science-based policy making and action for clean air (Peking University, Clean Air Asia)
- City Roundtable (ADB, Ricardo, Logika, Clean Air Asia)



# Thank you!

For inquiries, please contact:  
[dang.espita@cleanairasia.org](mailto:dang.espita@cleanairasia.org)