

Promoting air quality management in the city agenda

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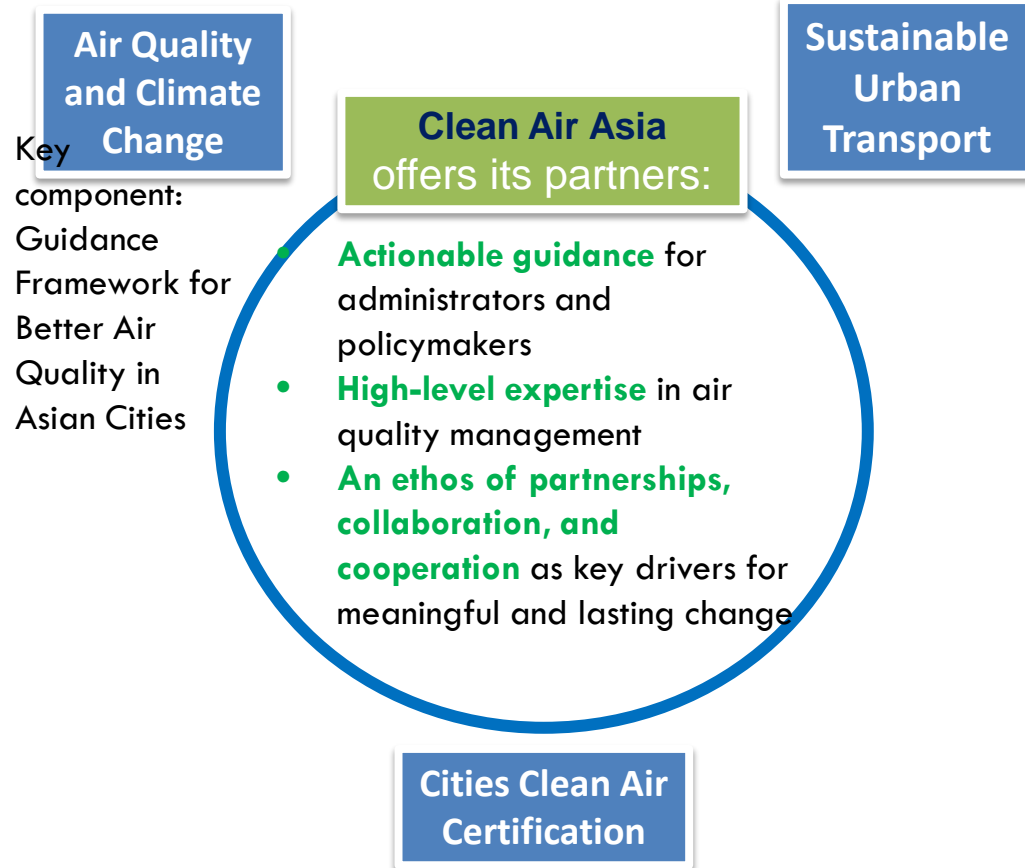
**CLEAN AIR
ASIA**



About Clean Air Asia



Clean Air Asia is an international NGO based in the Global South that works towards achieving better air quality and livable cities by translating knowledge to policies and actions that enable Asia's 1,000+ cities to reduce air pollution and greenhouse gas emissions from transport, energy, other sectors.



Clean Air Asia's country networks: China, India, Indonesia, Nepal, Pakistan, Philippines, Sri Lanka, Vietnam and Malaysia

Guidance Framework for Better Air Quality in Asian Cities

Governmental Meetings on Urban Air Quality in Asia



- **Objective:** Harmonize approaches between Asian countries in tackling urban air pollution; knowledge and information sharing
- **Nature of meeting:** Voluntary, non-binding. Meeting outputs help inform future work of CAA in terms of support needed by the region
- Organized by UNEP ROAP and CAA (Secretariat)
- Integral part of the BAQ conferences (back-to-back)

**6th: Busan
Aug 2016**

Final Guidance Framework

**5th: Colombo
Nov 2014**

Guidance Framework Draft

**4th: Bangkok
Feb 2013**

Guidance Framework Outline

**3rd: Singapore
Nov 2010**

AQM Priorities identified

**2nd: Bangkok
Dec 2008**

Long Term Vision on Urban Air Quality in Asia

**1st: Yogyakarta
Dec 2006**

Agree on objectives of Govt Meetings

2006

2016⁴

Long Term Vision on Urban Air Quality in Asia

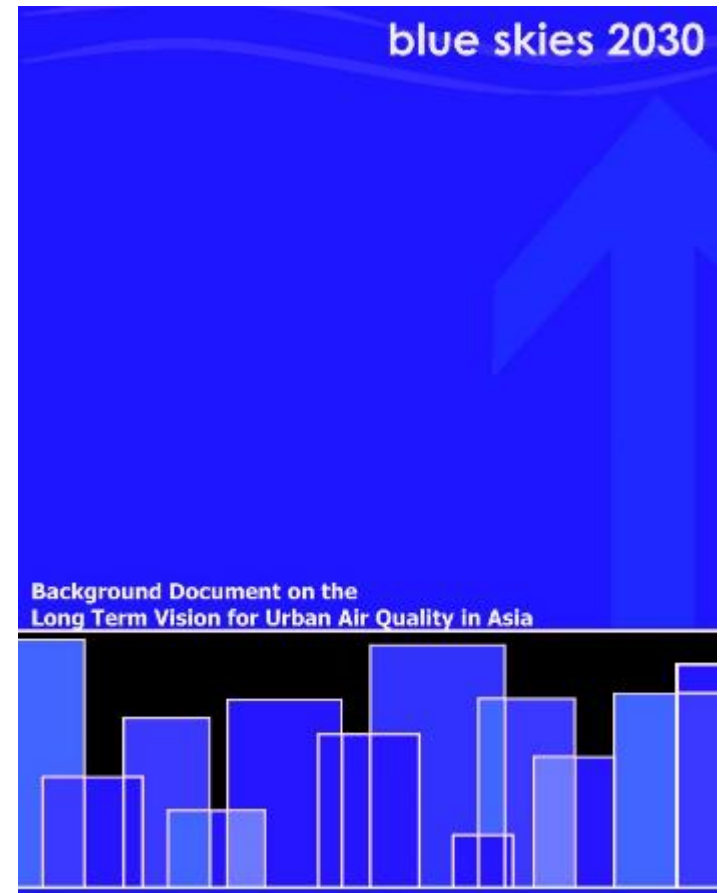


Vision

Healthy people in healthy cities, which puts emphasis on prevention of air pollution and which implements effective and appropriate strategies for the abatement of air pollution

Indicator

Asian cities have made significant progress towards achieving WHO air quality guideline values through the implementation of comprehensive air quality management (AQM) strategies



http://cleanairinitiative.org/portal/sites/default/files/documents/LTV_UAQM_Final.pdf

- **Pioneering approach** in addressing urban air pollution problem at the national and local levels
- **Voluntary, non-binding** guidance
- **Peer and government review:** addressed comments from 24 experts/organizations and 14 government representatives



Download: <http://cleanairasia.org/ibaq>

AQM areas of concern among Asian countries

Strengthen the capacity of governments in urban AQM based on priorities (**6 Guidance Areas**)

Target audience

- Primary target audience: **policy and decision makers at the national and local levels** responsible for improving urban air quality
- Also provides information and recommendations to **other AQM stakeholders (e.g., academe, private sector, non-government organizations, etc.)**





- **Capacity development indicators** allow cities and countries to ascertain their current level of AQM capability
- **Roadmaps** identify recommended actions to progress through the AQM development stages
- An **Information Sourcebook** was developed – an online compendium of case studies and resources for each guidance area
- **Training courses** developed to support operationalization of the Guidance Framework

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



- **Objective:** To improve air quality 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 the overall lead of the programme as well as acts as the secretariat for an Advisory Group.
- **Partners:** Several partners support implementation, including the Institute for Global Environment Strategies (IGES) and Asia Centre for Air Pollution Research (ACAP).
- **Supported by:** Ministry of Environment of Japan
- **Operational core:** Guidance Framework for Better Air Quality in Asian Cities strengthened by Governmental Meeting on Urban Air Quality in Asia



Cities for Clean Air Certification



A Certification scheme for cities developed by Clean Air Asia

A voluntary standard providing

- International recognition for actions addressing air pollution
- Guidance in making targeted and informed decisions
- Facilitation of learning opportunities and collaboration with stakeholders

What cities need to do

**Engage people
to take action**

INSTITUTIONAL COORDINATION



ENGAGING NEW STAKEHOLDERS



**Consolidate and
communicate
data**

AIR QUALITY INFORMATION



UNDERSTANDING POLLUTION SOURCES



**Implement actions
to address air
pollution**

AIR POLLUTION REDUCTION



PLANNING AND INFRASTRUCTURE



What cities need to do:

Involves addressing a key pollution source



TRANSPORT

- Eliminate two-stroke engines
- Increase low-emission engine types
- Increase the use of emissions-control devices for diesel engines
- Increase the efficiency of city journeys to reduce travel time
- Optimize traffic flow
- Promote the use of public transport
- Promote eco-driving practices



CLEAN ENERGY

- Shift to clean fuel/equipment for commercial/domestic cooking
- Reduce fuel consumption from generator sets
- Work with industry to ensure stack emissions are controlled/compliant



WASTE

- Reduce open burning
- Reduce agricultural burning



OTHER

- Reduce dust resuspension/fugitive dust

How cities achieve certification

Expression of Interest	Commitment	Take Action	Third Party Review	Awarding of certification
0-1 month	1-2 months	18 months	3-6 months	
Communicate intent to participate	<ul style="list-style-type: none"> Secure Mayor & City Council support Assign focal person Establish certification team 	Perform six actions	Submit evidence of completed actions	

Why cities sign up



Gain international recognition

“We are just starting our journey to address clean air, and certification provides us with an opportunity to build visibility for taking action”

Erlinda Creencia

Santa Rosa City Environment and Natural Resources Officer (PH)

“Working towards certification is a way that our efforts can be recognized and we can feel confident we are moving in the right direction”

Cordelia Lacsamana

Baguio City Environment and Parks Management Officer (PH)



Maximize opportunities offered by the program

- Access to technical assistance
- Gain lessons and insights from each other (*best practices*) and collectively address issues
- Work with public and private stakeholders
- Discover innovative solutions to address air pollution

Implementation (2016-2018)

www.cleanairasia.org/certification/main/platform_participants

CITIES FOR CLEAN AIR CERTIFICATION
AN INITIATIVE OF CLEAN AIR ASIA



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ABOUT US

PLATFORM PARTICIPANTS

NEWS AND EVENTS

PARTICIPATE

Launched at BAQ 2016,
piloted in 5 cities:

- Baguio, Iloilo and Santa Rosa (Philippines)
- Malang (Indonesia)
- Kathmandu (Nepal)

Participating Cities



Now aim to expand to:

10 cities Philippines

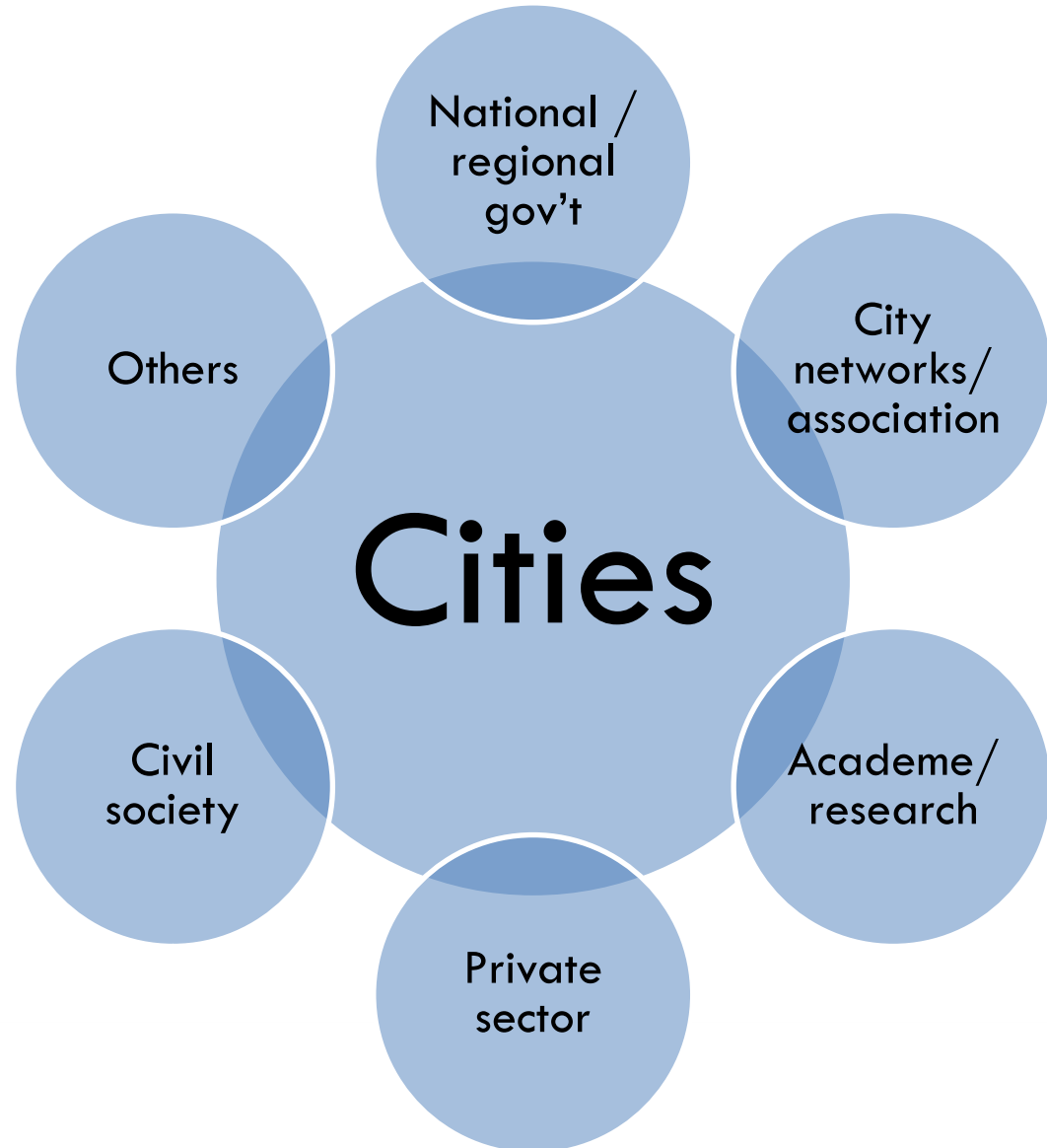
10 cities Indonesia

10 cities India

With 50 cities participating by end 2018

Implementation (2016-2018)

Align support from stakeholders to support city actions



Online platform: Tracking actions and sharing information

www.cleanairasia.org/certification/

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Everything civic leaders need to know about achieving certification.

TAKE ACTION IN THESE AREAS

INSTITUTIONAL COORDINATION

ENGAGING NEW STAKEHOLDERS

AIR QUALITY INFORMATION

UNDERSTANDING POLLUTION SOURCES

AIR POLLUTION REDUCTION

PLANNING AND INFRASTRUCTURE

SUPPORT CITIES



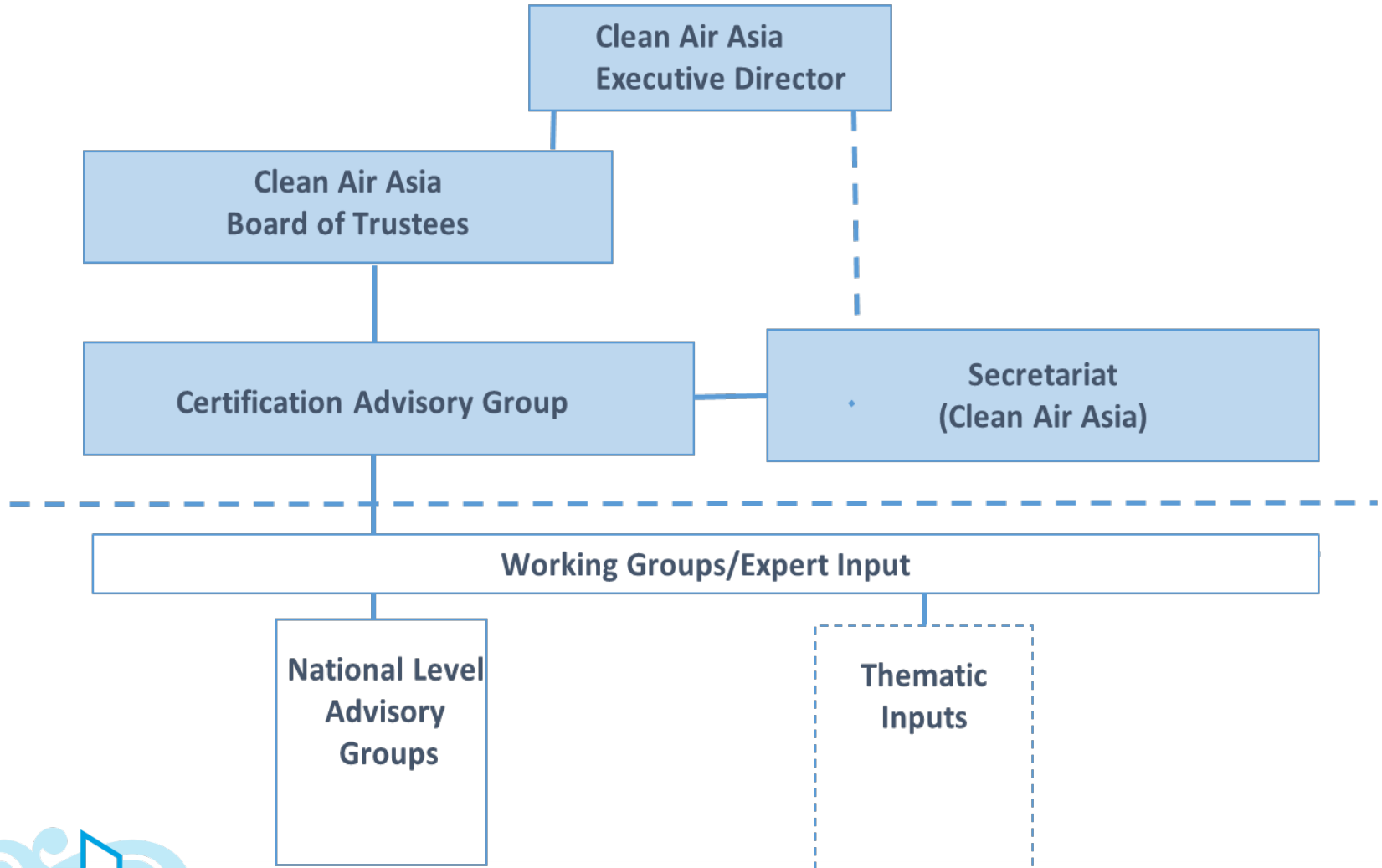
If you are an organization, government agency, business, investor, research institution, or a concerned individual, find out how you can support cities' actions for clean air.

PARTICIPATING CITIES



Learn more about the actions cities are taking towards better air quality.

How actions are developed



How actions are developed

Evolving actions

System of review and feedback:

- Ensure actions are linked and consistent with government programs (e.g., PH: [link to Public Utility Vehicle Modernization](#))
- Receive input from cities and make improvements
- Identify obstacles in implementation (regulatory, financial, others) that can be addressed
- Engage substantive research and policy development to produce new actions and best practices that are cutting edge

Linking with global initiatives



Short-lived climate pollutants (SLCPs) contribute to both global warming and air pollution



**CLIMATE &
CLEAN AIR
COALITION**
TO REDUCE SHORT-LIVED
CLIMATE POLLUTANTS

Voluntary partnership of govts, intergovernmental orgs, businesses, scientific institutions and civil society committed to reducing SLCPs and improving AQ

Partners to the coalition include:



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU




BREATHELIFE

- Joint campaign by **WHO, UN Environment and CCAC**
- Recognizes and shares best practices of cities to address air pollution

CITIES UPDATES

Success stories from BreatheLife cities



April 20, 2017 [Talca, Chile](#)

Talca, Chile joins global BreatheLife campaign


[Read More >](#)


June 15, 2017 [Greater Manchester, UK](#)

Greater Manchester celebrates National Clean Air Day

National Clean Air Day is giving people all over the UK an opportunity to talk about the impacts of air pollution and the importance of clean air. People are taking pledges to make their own contributions to cleaner air... and urging their friends and neighbors to do the same. To mark the occasion, here's [...]

[Read More >](#)





April 3, 2017 [Jalisco State, Mexico](#)

Jalisco State, Mexico Joins the BreatheLife Campaign

[Read More >](#)

BREATHELIFE

- Clean Air Asia is an official BreatheLife partner
- Cities undergoing Certification will be recognized as BreatheLife Cities
- Opportunity to showcase cities' success stories through global platform

How can cities sign up for the Certification

1) Register during this session

or

2) Email the Secretariat at

certification@cleanairasia.org

For more information

<http://www.cleanairasia.org/certification>

For more information, visit: www.cleanairasia.org

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Clean Air Asia Center Members



TOYOTA

261 Clean Air Asia Partnership Members

- Cities
- Environment ministries and government agencies
- Development agencies and foundations
- Non-government organizations
- Academic and research institutions
- Private sector companies and associations

Clean Air Asia Country Networks

Indonesia · Malaysia · Nepal · Pakistan
Philippines · Sri Lanka · Vietnam