

# STAKEHOLDER ROUND TABLE INDIA

**Chair:** Naini Jayaseelan, Secretary to Government of  
India Ministry of Home Affairs

**Facilitator:** Prarthana Borah, CAA

**Rapporteur:** Cathy Hita, CAA



**CLEAN AIR  
ASIA**



# Clean Air Asia Programs

**AIR QUALITY  
AND CLIMATE  
CHANGE**



**LOW  
EMISSIONS  
URBAN  
DEVELOPMENT**



**CLEAN FUELS  
AND VEHICLES**



**GREEN FREIGHT  
AND LOGISTICS**

# Stakeholder Round Table INDIA

## Key Points for Discussion



- Important government priorities for 2016-18
- Role of government/ academia/ civil society in managing the priorities
- If external assistance is needed, state what kind of assistance
- Process of engaging with stakeholders

- Need for a better air quality monitoring network (city- and national-level) and open data access to public.
- Lack of data and quality control of existing data are key problems faced –there is a need to explore alternative, new technologies that may not be too cost heavy
- 95 cities are considered non-compliant (to PM standards); these cities are being encouraged to develop action plans to address air pollution
- All public and voluntary engagement for AQM must involve everyone – central, state governments, municipalities and local communities and people
- Awareness in AQ Issues is essential to bridge the gap between policy and enforcement

- Roadmaps and action plans for AQM have been created for different states and industries
- Government has exercised a ban on
  - Agricultural biomass burning (already implemented by Punjab, Haryana and a few other states),
  - Diesel vehicles that are 15 years or older
  - Movement of trucks without goods within Delhi,
  - Burning of garbage and wood
- The metro network for Delhi is being extended and will reach more areas by end of 2016
- An air quality index has been set up last year for 24 cities.
- There will be a shift to Euro 6 emission standards by 2017

# If external assistance is needed, what kind of assistance?



- There is still a wide gap in India's air quality monitoring network. Alternative new technologies to monitor air quality needs to be explored. (NASA's free satellite imaging is an example).
- Implementation of CCAP- Key ideas for India
  - Certification may require local/community level involvement
  - Civil Society is a key player and therefore there is a need engage them
  - However only voluntary action with communities alone will leave out key stakeholders, and all action must involve municipalities, state and central governments.

- Developing systems for making available accurate, quality data on air pollution and air quality
- Providing more comprehensive information by identifying all sources of air pollution
- Encouraging use of new technologies for air quality monitoring (e.g., satellite data for forecasting). However this still needs to be validated by on the ground measurements
- More dialogue with the public and civil society working on other issues in India

# Participants of the Roundtable



Name	Organization
Rebecca Schultz	USEPA
Priyavrat Bhati	CSE
Prof. A. Bandyopadhyay	University of Calcutta
Polash Mukerjee	CSE
Soundaram Ramanathan	CSE
Jeff Smith	CareforAir.org/Ambience Monitoring
Adrian Chan	Toyota
S.K. Paliwal	CPCB
Ravindra Khaiwal	PAIMER, Chandigarh
Elizabeth Somervell	National Institute Water & Atmosphere (NZ)
Carolyn Cairns	C. Cairns Consultancy Services
Boyong Wang	Smart Freight Center
Jatinder Singh Kamyotra	CPCB
Rashid Hasan	Ministry of Environment
Pawan Gupta	NASA ARSET
Naini Jayaseelan	Inter State Council Secretariat
Prarthana Borah	CAA
Candy Tong	CAA
Weihao Zhang	CAA





For more information: [www.cleanairasia.org](http://www.cleanairasia.org)



**BUSAN, SOUTH KOREA**  
29 AUG - 2 SEP 2016

[www.cleanairforcities.org](http://www.cleanairforcities.org)

## Clean Air Asia

[center@cleanairasia.org](mailto:center@cleanairasia.org)  
Unit 3505 Robinsons Equitable Tower  
ADB Avenue, Pasig City  
Metro Manila 1605  
Philippines



## Clean Air Asia China Office

[china@cleanairasia.org](mailto:china@cleanairasia.org)  
11-152, JianGuoMenWai Diplomatic  
Residence Compound, No.1 XiuShui  
Street, ChaoYang District,  
Beijing 100600 China

## Clean Air Asia India Office

[india@cleanairasia.org](mailto:india@cleanairasia.org)  
1st Floor, Building No. 4  
Thyagraj Nagar Market, Lodhi Colony  
New Delhi 110003  
India

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