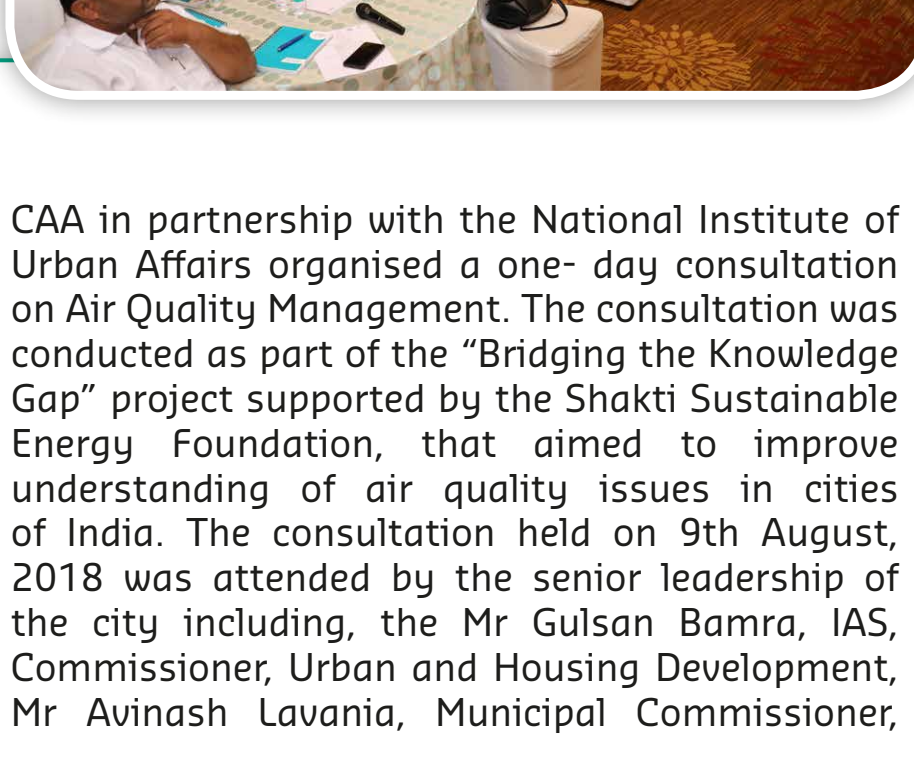


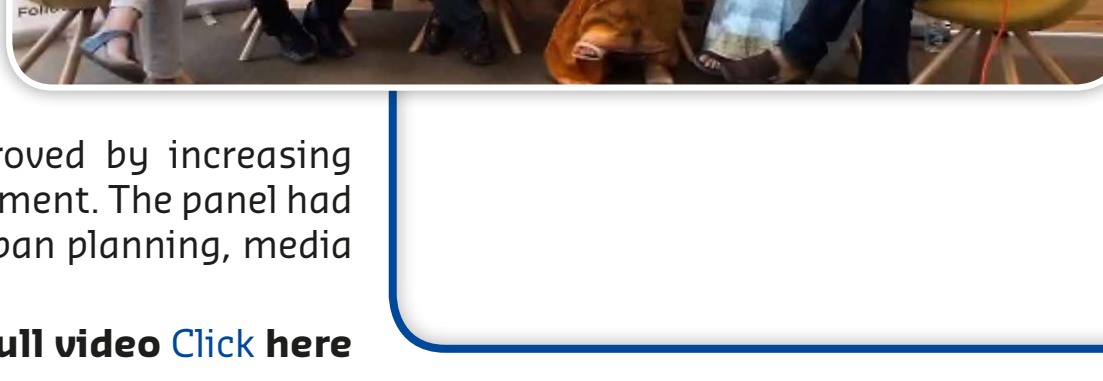
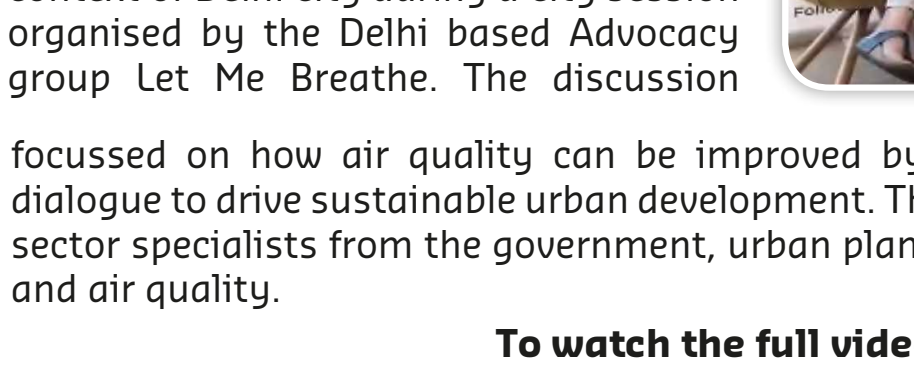
BHOPAL SMART CITY DISCUSSES AIR QUALITY MANAGEMENT



CAA in partnership with the National Institute of Urban Affairs organised a one-day consultation on Air Quality Management. The consultation was conducted as part of the "Bridging the Knowledge Gap" project supported by the Shakti Sustainable Energy Foundation, that aimed to improve understanding of air quality issues in cities of India. The consultation held on 9th August, 2018 was attended by the senior leadership of the city including, the Mr Gulsan Bamra, IAS, Commissioner, Urban and Housing Development, Mr Avinash Lavania, Municipal Commissioner,

Bhopal Municipal Corporation and Mr Sanjay Kumar, CEO Smart Cities Mission. Local institutes like the Institute of Town Planners, MP Chapter, SPA Bhopal, Indian Institute of Science Education and Research Bhopal and IIFM Bhopal were also present and shared experiences. Local experiences of emissions inventory conducted in Bhopal as well as national strategies like the integration of air quality in urban development especially in the context of smart cities was discussed. As an outcome of the meeting CAA will work with Bhopal city authorities to monitor and assess air quality data of the city.

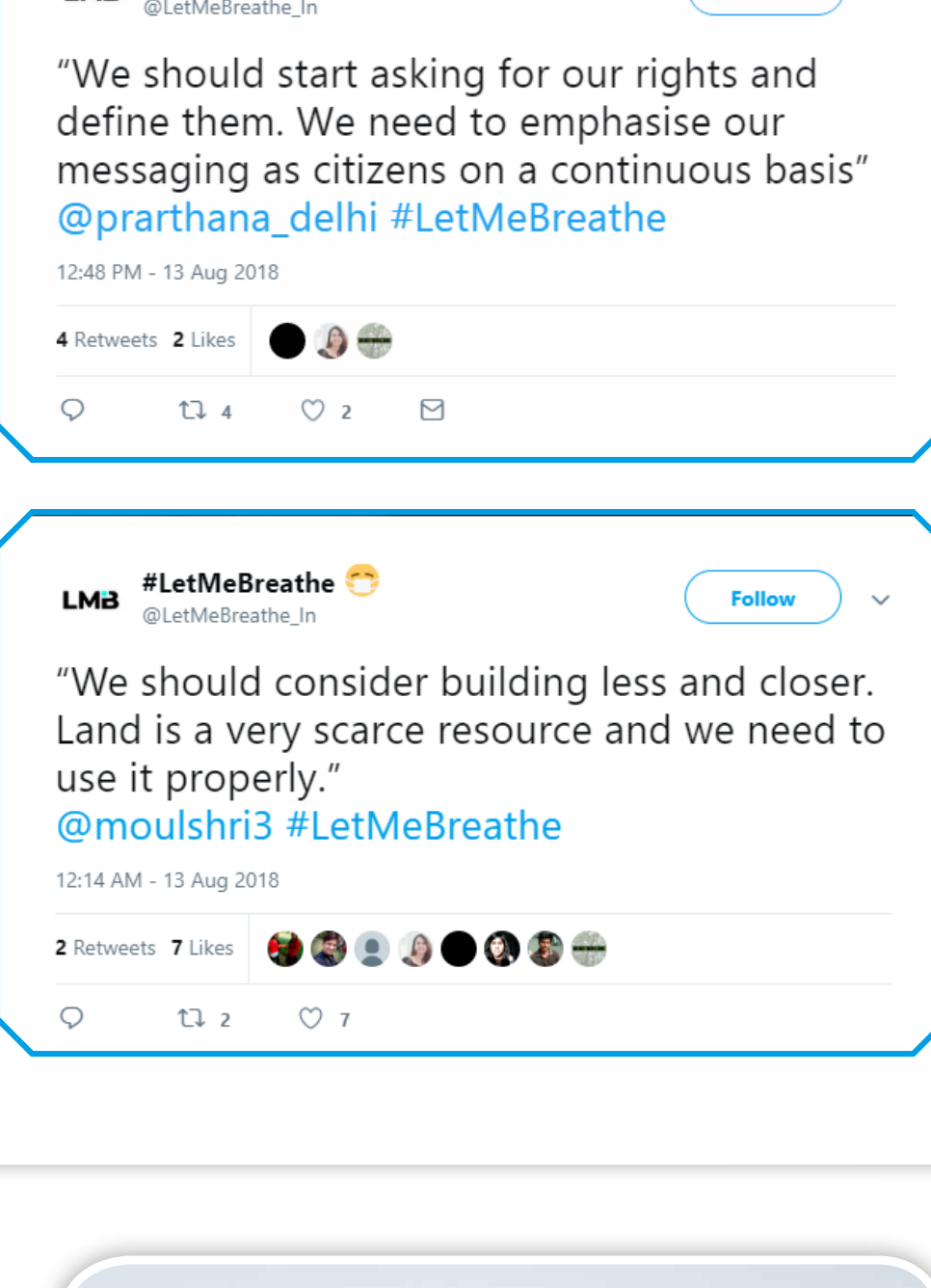
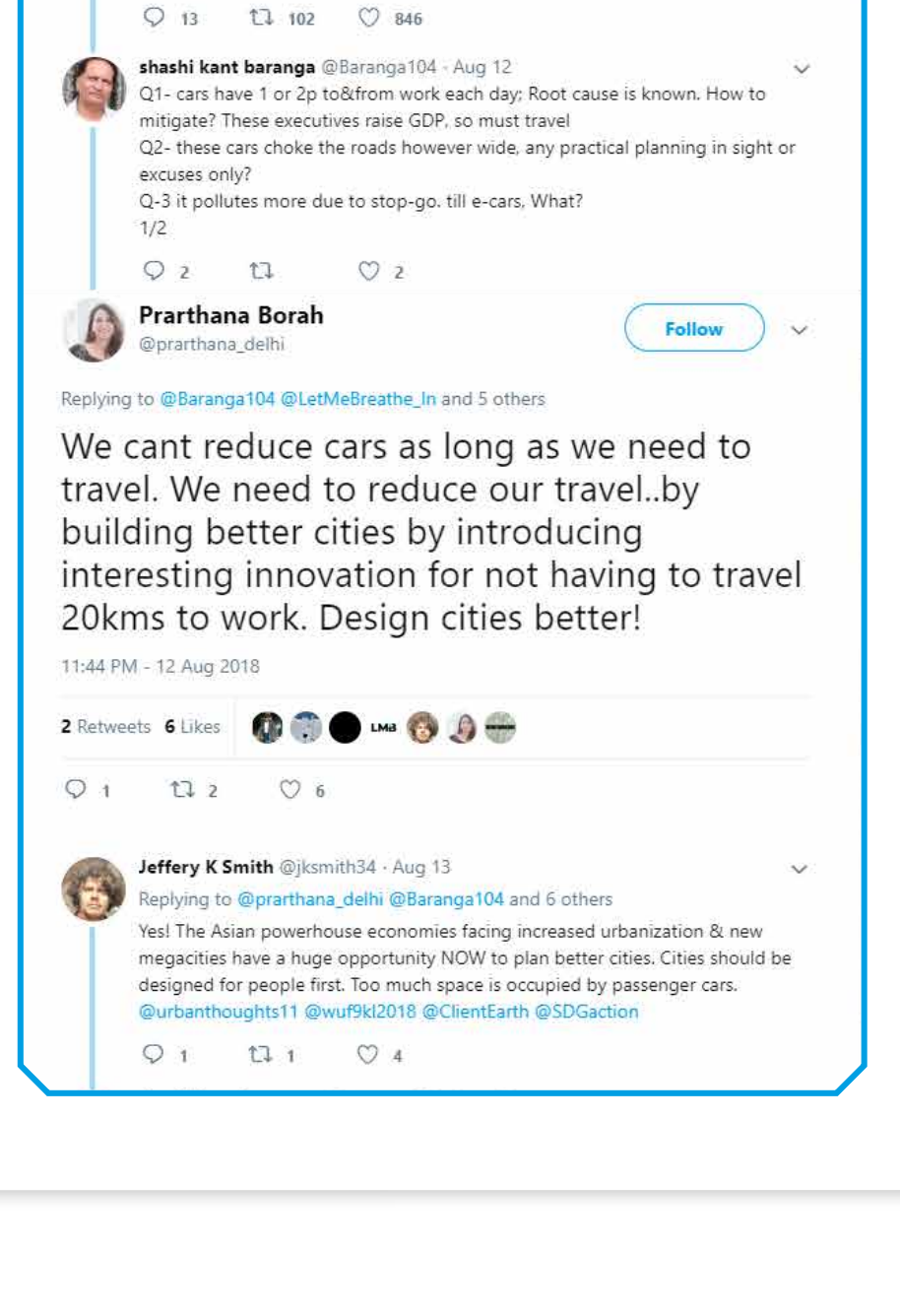
CAA GOES LIVE ON TWITTER INDIA TO GENERATE DIALOGUE ON AIR POLLUTION



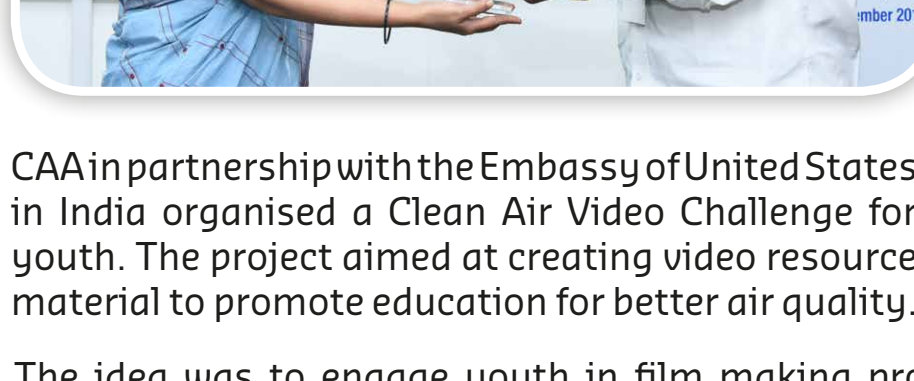
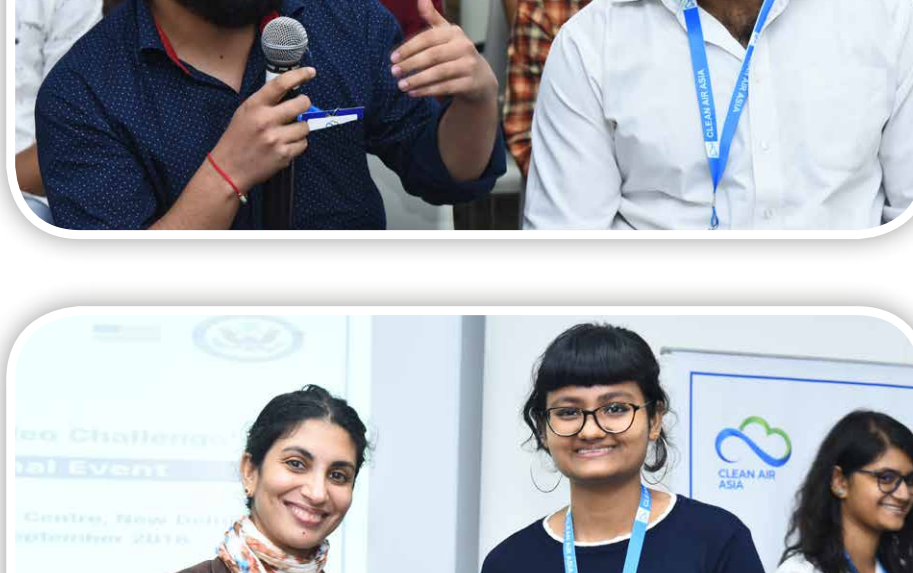
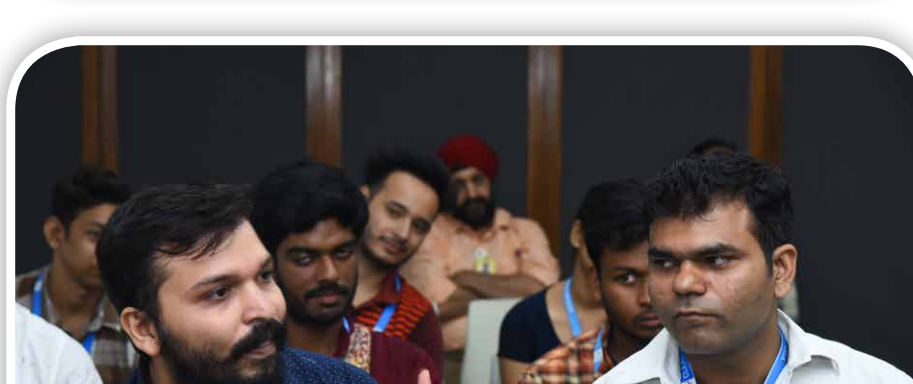
Clean Air Asia was invited to be a part of the urban dialogue on air quality in the context of Delhi city during a city session organised by the Delhi based Advocacy group Let Me Breathe. The discussion

focussed on how air quality can be improved by increasing dialogue to drive sustainable urban development. The panel had sector specialists from the government, urban planning, media and air quality.

To watch the full video [Click here](#)



CLEAN AIR VIDEO CHALLENGE, 2018



CAA in partnership with the Embassy of United States in India organised a Clean Air Video Challenge for youth. The project aimed at creating video resource material to promote education for better air quality.

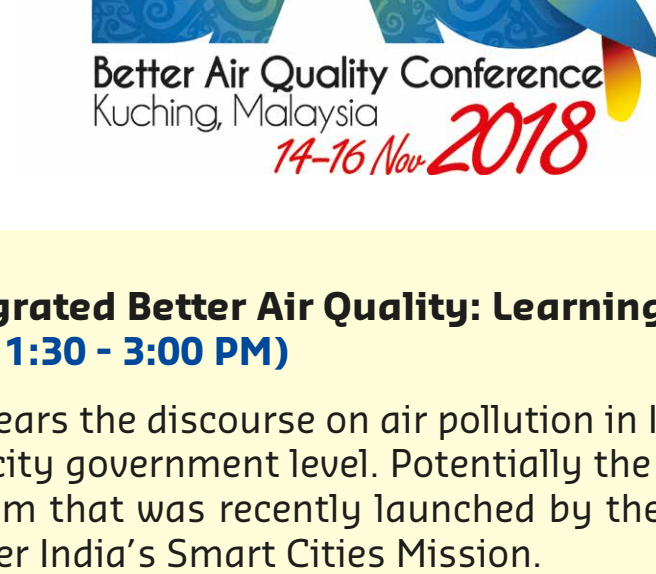
The idea was to engage youth in film making process which would motivate them to explore solutions for better air quality. CAA received many entries to this competition of which 6 films were shortlisted for showcasing to a jury. During the jury, the participants made presentations on their understanding of the issue. The six shortlisted films will now be used as resource material by the Public Affairs Division of the Embassy of United States in India.



INTEGRATING AIR QUALITY AND FUEL EFFICIENCY

CAA India Director led the panel discussion on Fuel Efficiency for Better Air Quality at the 10th Integer Emissions Summit & Ad Blue Forum India 2018. In the same panel Mr. P Panda, Executive Vice President Maruti Suzuki spoke about technology solutions and need for integrating fuel efficiency into the overall urban development plan. Dr. S.S Thipse, Deputy Director, Automotive Research Association of India spoke about initiatives, regulations and challenges for the fuel economy.

Join Us IN KUCHING FOR THE CAA INDIA SESSIONS



Regional Action, Global Impact

Action for Integrated Better Air Quality: Learnings from Indian Cities (November 14, 1:30 - 3:00 PM)

In the last two years the discourse on air pollution in India has seen a steady rise. This has led to actions at the central and city government level. Potentially the two most important indicators of this is the National Clean Air Program that was recently launched by the central government and that air quality actions are being taken under India's Smart Cities Mission.

While policy is being formulated to work towards better air quality, the manner in which these policies have translated on the ground and how they are being implemented in different cities in India are important learnings. The session aims to provide clear instances of lessons, hurdles and the road ahead with regard to bringing better air quality management across Indian cities. This will include recommendations on what has worked, the specific needs that exist across departments at the national and city level and the status of development of Indian cities with regard to better air quality management.

Solutions to Reduce Air Pollution in South Asia (November 16, 13:30 - 15:00)

Air Quality Management has far reaching transboundary effects. In order to address regional issues and discuss solutions across South Asia, this panel will feature representatives from different stakeholder groups from South Asian cities and countries, such as Bangladesh, Sri Lanka, Pakistan, Nepal and India that can share experience on addressing air pollution.

CAA IN THE NEWS

EVEN VAN VIHAR NOT SPARED OF POLLUTION

TNN | Aug 11, 2018, 21:37 IST

Bhopal: When you think of Van Vihar, fresh air is what comes to your mind automatically. But next time when you visit the park to make your lungs healthy, think twice as the Bhopal's green lung is not free of pollution anymore. A study by Indian Institute of Science Education and Research (IISER) has revealed that the annual average PM2.5 (National Ambient Air Quality Standards (NAAQS) is 40 ug/m³ while the 24 hour average is 60 ug/m³ (microgram per meter cube).

Moreover, PM2.5 measurement over Van Vihar National Park reveals that the concentrations are dangerously close to or exceed the NAAQS. During 2012 and 2013, about 20% of the time the 12-hour average exceeded 60 ug/m³ while even 120 ug/m³ was exceeded nearly 5% of the time.

No wonder, experts are alarmed over the situation and are seeking a dialogue to find solution to the growing pollution, and restoration of ambient air quality. "It is important to understand air pollution in context of health impact. Smaller particles like PM 2.5 and PM 1 get into our blood stream and have a direct adverse impact on our health," said NGO Clean Air Asia programme manager (air quality), Dr Vasundhara Bhujvaid. She was speaking at a workshop on air quality management on Thursday.

She said that particles in the PM2.5 range are able to travel deeply into the respiratory tract and affect the lungs. Exposure to fine particles can cause short-term health problems such as eye, nose, throat and lung irritation, coughing, sneezing, running nose and shortness of breath.

The study made measurements of PM2.5 over the national park between 2012 and 2014, said IISER Bhopal, associate professor and head of earth and environmental sciences Ramya Sunder Sam. Nearly 30 chemical species were also analysed by the study group.

[Read More...](#)

URBAN REALITY: AIR POLLUTION, A NATIONAL HEALTH HAZARD

www.cnbctv18.com | August 30, 2018 08:19 PM | Business

Each one of us must be feeling the growing frustration of your daily commute.

It's really no secret that this traffic in every Indian city is growing at a break neck speed, and no amount of road infrastructure or flyovers are able to keep pace with it.

The reason lies in plain number as the country took 60 years from 1952 to 2008 for the number of registered vehicles in the country to reach 105 million.

The next 105 million have been added in just six years between 2009 and 2015.

This unprecedented motorisation of the country and the steep increase in toxic health damaging emissions is what the Centre for Science and Environment (CSE), the New Delhi-based think tank has studied.

Urban Reality decode the Urban Commute Report of CSE with Anumita Roy Chowdhury, executive director, Center for Science and Environment; Ashish Verma, associate professor, transportation systems engineering, Indian Institute of Science (IISc); Karuna Gopalan, president of foundation for futuristic cities and Prarthana Borah, director-India of Clean Air Asia to find out why this is an urgent wake up call for all of us.

[Read More...](#)

'Master plan must have livability, eco factors'

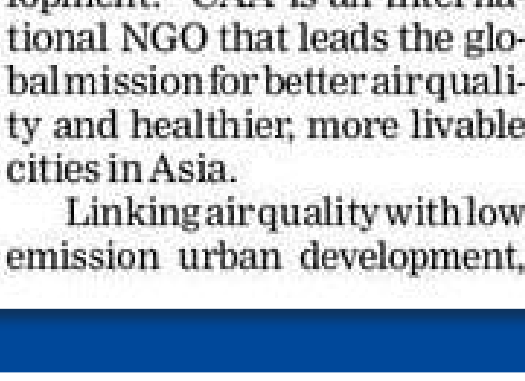
Experts Bat For Modern Approach To Urban Devt

TIMES NEWS NETWORK

Bhopal: Moving beyond the traditional approach towards development of a city, experts are now demanding proactive measures to cater to environment and sustainable development to be part of new master plan.

"We need to build our cities around sustainability and take measures to protect environment," said Institute of Town Planners of India (ITPI), MP chapter president, VP Kulshrestha, here on Thursday.

Interestingly, Indore is the only city in MP whose master plan considered strategies for sustainable development. "We need to move past traditional view of master plan. City plan has to cater to its typography and environment and improving livability index," said Kulshrestha. Environmental concerns need to be addressed in urban planning, he added.



An expert speaks at Clean Air Asia conference in Bhopal on Thursday

Speaking at a conference on Clean Air Asia (CAA) India director Prarthana Borah said, "This is the time and opportunity for cities like Bhopal to take effective measures. CAA provides a co-benefit approach for use of clean technology and low emission urban development." CAA is an international NGO that leads the global mission for better air quality and healthier, more livable cities in Asia.

Linking air quality with low emission urban development,

Borah met top urban development officials on the sidelines of the conference. "Until now we have only focused on air pollution because of transportation and mobility. Union government's livability index of 116 cities (which includes Bhopal) would access cities on physical interventions like waste management, reduced pollution, housing and inclusiveness that have a social impact on livability," said Borah. CAA has offered support to Bhopal Smart City Development Corporation Limited (BSCDCL).

The Smart City project has deployed over 100 smart poles that measure ambient air quality. Such tools would help planners indicate pollution trends and aid government in taking appropriate interventions.

Of the 400 plus cities surveyed for air pollution, 95% in India did not meet WHO standards for air quality.

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