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Draft agenda for Regional Workshop on Air Quality Management in Cities

10:30 am (IST), 31 May 2023

Taj Hotel, Lucknow



भारतीय प्रौद्योगिकी संस्थान तिरुपति

TIRUPATI



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Regional workshop on Air Quality Management in Cities

During the last decades, India has consolidated at a face pace its position among the world's largest economies, primarily due to the willingness of the local authorities to collaborate on the global agenda of foreign investments. Consistent support from international institutions and corporate businesses has determined economic progress by visibly improving the living standard, changing human geography, and accelerating technological advancement.

However, poor air quality in most Indian cities remains a headwind to the environment, and human health, vis-a-vis economic growth. A recent study estimated approx. 1.67 million premature deaths were attributable to air pollution in India in 2019, accounting for 17.8% (15.8–19.5) of the total deaths in the country. Almost 60% of premature deaths occur due to exposure to ambient air pollution. People are exposed to very poor air quality in most cities in winter, increasing hospital admissions and respiratory and cardiovascular problems.

Strategic measures and creative solutions through federal government initiatives were in demand to decelerate the growing issues related to air pollution in major urban conglomerates in India. The Indian government has taken steps to manage air pollution at both national and city levels. It established a National Clean Air Programme (NCAP) in 2019, providing a blueprint for the country's key issues and necessary responses to air pollution. The NCAP enlisted 132 cities nationwide as "key cities" (non-attainment cities) to develop strategic air pollution management planning and implementation in a defined time. With its track record and experience in building cooperation initiatives in many areas, including air quality management, legislation, policy delineation, and technology support, the European Union (EU) is a strategic partner for India.

Based on the experience of EU cooperation, effective dialogue between EU and India is constantly promoting knowledge sharing from EU and its Member States related to control air pollution with Indian cities contributing to the implementation of the NCAP and develop an integrated strategy to build city-level air quality action plan which can be aligned with the NCAP. This knowledge partnership is to identify issues and areas of cooperation and deliver its assistance to the prospective beneficiaries to draw the support of EU to manage the air quality of the city or region.

Expectations from the Regional Workshop

In this Regional Workshop, we expect stakeholders from different cities and states to present and discuss the air quality status in respective cities, city-specific air quality management plan, critical implementation challenge(s), and successful interventions. Hence contributing to the implementation of the NCAP and develop an integrated strategy to build city-level air quality action plans aligned with the NCAP for Indian cities. We are expecting experts to share their experiences based on the following questions:

- What approach has been followed to improve the air quality at the city level through the process of preparation of the Air Quality City Actions Plan?
- To what extent and how have targets for air quality management at city or state level been set?
- What process is followed with regard to monitoring and reporting?
- What sectors are prioritised for air quality improvement in your city and why, and what is the impact of identified interventions?





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- What are the best-case examples of successful implementation of practices, solutions, and technologies that helped improve the city's air quality and what impact has been seen?
- How are national, regional and local policies/regulations/strategies helping to improve the air quality at the city level?
- What are the challenges in implementing specific action(s) or policies at the city level?
- How City authorities are Monitoring Air Quality City Action Plans?

Expected outcomes:

- Data management, data analysis and monitor an Air Quality City Action Plan for Indian cities.
- Successful examples/solutions to improve the air quality at the city level in EU and India.
- How is transboundary pollution managed by EU and Indian cities and what approaches are followed for the same?
- What are the challenges and what are adaptable best practices which can be used to improve air quality?
- To further develop the framework for developing and reporting Air Quality City Action Plan for Indian cities.

The Workshop will provide input to the finalisation of the project's Toolkit for Air Quality City Action Plan in terms of a) preparation of Air Quality City Action Plans, b) Targets, c) Impacts, d) Solutions, and e) Policies.

Draft Agenda of Regional Workshop

Time	Programme
10:00 to 10:30 am	Registration and Tea
10:30 to 11:00 am	<p>Inauguration</p> <p>Welcome Address – Ms. Kamilla Kristensen Rai, Counsellor, Delegation of the European Union to India</p> <p>Background and expectations – Prof. Suresh Jain, Team Lead (EU- Air Quality Management Initiative in India Project) and Professor, Indian Institute of Technology Tirupati</p> <p>Guest of honor: Prof. Sachchida Nand Tripathi, Coordinator, National Knowledge Network, NCAP and Professor, IIT Kanpur (TBC)</p> <p>Guest of honor: Sh. Ashish Tiwari, Secretary, Environment, Forest and Climate Change, Government of Uttar Pradesh</p> <p>Chief Guest: Sh. Manoj Singh, IAS, Additional Chief Secretary, Department of Environment, Forests and Climate Change, Government of Uttar Pradesh</p> <p>Vote of Thanks</p>
11:00 to 11:30 am	Networking Tea Break
11:30 to 01:00 pm	<p>Session I – Monitoring</p> <p>Session Chair – Prof Ashok Ghosh, Former Chairman, Bihar State Pollution Control Board</p>





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	<p>Moderator – Prof. Suresh Jain, IIT Tirupati</p> <p>EU Speaker: Ms. Karine Leger, Managing Director Airparif, Paris (TBC) - Experiences on Monitoring of Air Quality City Action Plans</p> <p>Panel Discussion –Experiences on Monitoring of Air Quality City Action Plans (50 minutes)</p> <p>Speakers</p> <ul style="list-style-type: none"> ▪ Sh. Ajay Kumar Shrama, Member Secretary, Uttar Pradesh Pollution Control Board ▪ Dr. Rajesh Kumar, IPS, Member Secretary, West Bengal Pollution Control Board ▪ Dr K Murugesan, Member Secretary, Odisha State Pollution Control Board ▪ Sh. Chandrashekhar, IAS, Member Secretary, Bihar State Pollution Control Board <p>Q&A session - Moderator (20 minutes)</p>
<p>01:00 to 02:00 pm</p>	<p>Networking Lunch Break</p>
<p>02:00 to 03:30 pm</p>	<p>Session II – Preparation and Targets</p> <p>Session Chair – Dr. Kalyan Rudra, Chairman, West Bengal Pollution Control Board</p> <p>Moderator – Dr. Arindam Datta, TERI</p> <p>EU Speaker (TBC) – EU experiences on best practices and strategies preparation and targets for improving air quality (20 minutes)</p> <p>Panel Discussion –experiences on preparation and targets improving air quality (50 minutes)</p> <ul style="list-style-type: none"> ▪ Sh. Indrajeet Singh, IAS, Commissioner, Municipal Corporation Lucknow, Uttar Pradesh ▪ Sh. Vinod Kumar, IAS, Commissioner, Kolkata Municipal Corporation, West Bengal ▪ Sh. Animesh Kumar Parashar, IAS, Commissioner, Municipal Corporation Patna ▪ Sh. Dhaval Jain, IAS, Commissioner, Howrah Municipal Corporation, Howrah ▪ Sh. Vijay Amruta Kulange, IAS, Commissioner, Bhubaneswar Municipal Corporation, Odisha ▪ Sh. Ankit Khandelwal, IAS, Commissioner, Agra Nagar Nigam, Uttar Pradesh <p>Q&A session - Moderator (20 minutes)</p>
<p>03:30 to 03:45 pm</p>	<p>Networking Tea Break</p>





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<p>03:45 to 05:15 pm</p>	<p>Session III – Solutions, Impacts and Reporting</p> <p>Session Chair – Prof Mukesh Sharma, IIT Kanpur</p> <p>Moderator: Prof. Suresh Jain, IIT Tirupati</p> <p>Sh. Ashish Tiwari, Secretary, Environment, Forest and Climate Change, Government of Uttar Pradesh – Indian experiences on solutions, impacts and reporting for improving air quality</p> <p>Panel Discussion– Indian experiences on solutions, impacts and reporting for improving air quality (40 minutes)</p> <ul style="list-style-type: none"> ▪ Dr Debasis Chakraborty, West Bengal Pollution Control Board ▪ Er Nihar Ranjan Sahoo, Odisha Pollution Control Board ▪ Dr Abhijit Chatterjee, Bose Institute, Kolkata ▪ Dr Tanushree Bhattacharya, BIT, Mesra ▪ Dr Dipankar Saha, Bihar State Pollution Control Board ▪ Mr Partha Basu, Environment Defence Fund ▪ Dr Anju Goel, The Energy and Resources Institute, New Delhi <p>Q&A session - Moderator (20 minutes)</p>
<p>05:15 to 05:30 pm</p>	<p>Conclusions and way forward</p> <p>EUD+TL+KE</p>
<p>05:30 to 06:00 pm</p>	<p>Networking High Tea</p>

