

On behalf of:



of the Federal Republic of Germany



Webinar

“Decentralized Waste Management for Air Quality Improvement and Clean Societies in India”

Virtual: MS Teams | Online Link: [Click here to join](#)

Date: 21 November 2023; Time: 15:00 to 16:30 hrs IST

Background:

The National Clean Air Programme (NCAP) of the Ministry of Environment, Forest, and Climate Change (MoEFCC), Government of India (GoI) was launched in January 2019. NCAP aims at achieving reduction of Particulate Matter (PM₁₀ and PM_{2.5}) concentration by 40% by 2026. At present, MoEFCC has identified 131 non-attainment and million plus cities for priority action under NCAP. The Central Pollution Control Board (CPCB), the State Pollution Control Boards (SPCBs), the Urban Local Bodies (ULBs), several State Government departments related to the identified cities, and sectoral ministries of the Government are actively involved in implementing the NCAP.

For effective air quality management, the emissions generated from burning of waste need to be mitigated as they are one of the major causes of air pollution. Estimates show that approximately 10% of the particulate matter concentration in India comes from waste burning. Hence, proper waste management is important for air pollution control in our cities.

The Swachh Bharat Mission (SBM) and the Swachh Vayu Sarvekshan (SVS) are flagship initiatives of the Government of India aimed at achieving cleanliness and improving air quality by promoting decentralised waste management. The Solid Waste Management and Handling Rules of 2016 also emphasize the importance of decentralized waste management.

Decentralized waste management involves localized collection, segregation, and disposal of waste, often at the source of generation. This approach can significantly contribute to improving air quality in India for the following reasons:

- Decentralized waste management minimizes the need for long-distance transportation of waste to centralized disposal sites.
- By handling waste locally, the processing of organic waste can be expedited through composting or bio-methanation.
- Decentralized waste management discourages the practice of open burning, releasing harmful pollutants into the air and promotes safer and eco-friendly disposal methods.

GIZ, under the Indo German Cooperation, is providing Technical Cooperation to MoEFCC and CPCB for the implementation of NCAP. To support effective implementation of decentralised waste management, GIZ is conducting a webinar on “**Decentralized Waste Management for Air Quality Improvement and Clean Societies in India**” on 21 November 2023, 15:00 hrs to 16:30 hrs IST.

Content of Webinar:

The following topics will be discussed by experts:

- **Techniques and Technologies:** Various aspects of decentralised waste management, including strategies, techniques and technologies will be discussed.
- **Best Practices and Case Examples in India and South Asia:** Success stories from India and the region will be discussed.
- **Economic Viability:** The viability of implementing decentralized waste management strategies as a sustainable strategy will be discussed.

About the Expert Speakers:

Dr. Ajay Nagpure, Princeton University:

He is an Urban Systems Scientist at the Department of Civil and Environmental Engineering at Princeton University. Also, a leading expert in environmental conservation and air pollution control. With over 19 years of experience, he has worked on various aspects of air quality management, urban sustainability, and waste management.



Mr. Brijesh Patel, Indus EcoPartners:

He is the director of Indus EcoPartners and responsible for business planning, operations management and alliance/partner development at Indus Eco Partners. Brijesh has 15+ years of experience in business development, product management and organising high level networking and relationship building events for German and Indian companies. Prior to starting Indus EcoPartners, he worked extensively in the trade and investment development sector. He is head of working group India for the German RETech Partnership e.V where he supports German companies in developing business in the recycling sector.



Dr. Bharat Bhusan Nagar, GIZ:

Bharat B Nagar is working as Sr. Tech. Advisor with SUID Cluster GIZ India. He works on CCPME and MOWI projects. He holds a PhD in Energy and Environment and has a total of 22 years of experience. He has worked in the solid waste management (SWM) sector for the past 20 years in India and internationally.



Agenda

Time	Particular
21 November 2023	
03:00 to 03:05 PM	Welcome: Parth Sarathi Mahapatra, GIZ Opening Remarks: Raghu Babu Nukala, Programme Director, GIZ
03:05 to 03:20 PM	Presentation on “Decentralized Waste Management for Air Quality Improvement and Clean Societies in India” » Relevance of waste management for air quality improvement » Overview of implementation of Swatch Bharat Mission and NCAP Dr. Ajay Nagpure Q&A
03:20 to 03:40 PM	Presentation on “Techniques and Technologies: Various aspects of decentralised waste management, including strategies, techniques and technologies” » Waste management techniques and technologies » Successful international case examples Mr. Brijesh Patel Q&A
03:40 to 04:00 PM	Presentation on “Successful Waste Management Strategies and Case Examples from India” » Successful waste management strategies in India » Successful Indian case examples Dr. Bharat Bhusan Nagar, GIZ Q&A
04:00 to 04:25 PM	Moderated Discussions: Facilitator (TBC) Q1: What have been the experiences (challenges, successes) with implementing decentralized waste management solutions in Indian cities? Q2: Are there any promotional schemes and programmes for implementing decentralized waste management solutions in Indian cities? Q3: Are there any reference documents and guidelines for implementation of decentralized waste management? Q4: What is the way forward for promoting implementation of decentralized waste management solutions in Indian cities as a strategy under NCAP?
04:25 to 04:30 PM	Closing Remarks: Raghu Babu Nukala, Programme Director, GIZ

Contact for any further information:

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Invitations to be sent to:
ULBS, SPCB's, CPCB, NGO's, NKN, International organizations, Social media.