

## SESSION CONCEPT NOTE & AGENDA

Session Title	<b>Pollution control for MSMEs and Construction dust</b>
Session Track	TRACK 3- Agriculture Waste, Household Energy and Other Sources
Date	15 November 2023 (Wednesday) – Day 1 Main Conference
Time	14:00 – 15:30 (1.5 hours)
Background	<p>Clean Air Asia actively supports cities and countries in managing air pollution and greenhouse gases. They achieve this by enhancing capacity, disseminating data and knowledge, advocating for effective policies and practices, and raising awareness about the connection between air pollution, climate change, and sustainability. In collaboration with the Delhi Pollution Control Committee (DPCC) of India, Clean Air Asia focused on identifying air pollution hotspots in Delhi and proposing interventions to combat air pollution in key areas.</p> <p>Construction activities play a crucial role in urban development, infrastructure improvement, and economic expansion. Despite their significant benefits, construction projects pose a notable drawback in the form of dust pollution. Construction dust, composed of minuscule particles suspended in the air, mainly originates from activities like excavation, demolition, drilling, and material transportation. When these particles are released into the atmosphere, they can have adverse effects on both the environment and human health. To aid construction professionals, Clean Air Asia developed a toolkit called "Advancing Better Air Quality with Clean Construction." This toolkit offers guidance on straightforward dust control measures, best practices, and checklists for site supervisors to implement effective dust mitigation actions.</p> <p>Micro, Small and Medium Enterprises (MSMEs) are crucial to the growth and development both in developing and developed economies. They are a major component of economic growth, a source of employment, and innovation. However, MSMEs often face significant environmental challenges that can hinder their success or even be subsumed by large industries. The air pollution problems from MSMEs are compounded by old technologies, untrained manpower, casual attitude, energy issues, poor housekeeping, low heights of emission releases (mostly less than 10 m), and nonpoint fugitive emissions, which are not tractable and can be very significant.</p>
Objective of the Session	<p>This session aims to bring distinct perspectives to reduce pollution from MSMEs and construction activities. The session will comprise of two parts:</p> <p>Part 1: Construction and Demolition Dust</p> <p>The session will focus on one dialogue from the perspective of cities and the other perspective from those of green certification agencies, construction companies, etc. This co-learning session will discuss:</p> <ol style="list-style-type: none"> <li>a) The role cities can play in reducing pollution from construction activities.</li> </ol>

	<p>b) How can green certifications or ratings accelerate the uptake of clean construction practices?</p> <p>The discussions can help in identifying opportunities for learning, collaboration, and illustrate strategies that can be applied in Asia. The session is envisioned to provide insights on best practices, success stories, learnings on implementation of clean construction practices, to inform scaling adoption of clean construction across different regions in Asia.</p> <p>Part 2: MSMEs</p> <p>This session will focus on the significant issues from the MSME sector as it suffers from sources of fugitive emissions, poor civic amenities, and inadequate road and infrastructure causing indirect emissions in the industrial areas. There is a need to find technical solutions to nonpoint fugitive emissions emanating from MSMEs including better roads fully paved (carpeted beyond shoulders), better drainage facilities, improved power supply, solid waste collection and removal of all encroachments. It also requires skill development, environmental technology resources, decarbonization, preventing waste burning, use of bio-mass-based fuel, small-scale units and small boilers, and future energy. Financial constraints and the availability of loans are significant issues for MSMEs.</p>
Session Organizers	Clean Air Asia

AGENDA		SPEAKER
14:00-14:05	<p><b>Opening</b></p> <p>Brief overview of the session agenda and importance</p>	<p><b>Ms. Purna Sharma,</b> India Program Manager, Clean Air Asia</p>
14:05-14:20	<p><b>Part 1: Clean Construction for India</b></p> <p>Overview, lessons learned, outcomes of clean construction project in India.</p>	<p><b>Mr. Tanmay Tathagat,</b> Director Environmental Design Solutions, India</p>
14:20-14:35	<p><b>Part 2: MSMEs</b></p> <p>Air Pollution Challenges of Micro, Small and Medium Enterprises (MSMEs): Policy, Technical and Management Solutions</p>	<p><b>Dr Mukesh Sharma</b> Professor, IIT-Kanpur, India</p>
14:35-15:20	<p><b>Moderated Panel Discussion:</b></p> <p>The panel discussion aims to share experiences, insights and best practices on the role government, cities and private sector in mitigating pollution from MSME and construction activities. The panel will focus on policy, strategies, and challenges for specific sectoral interventions.</p> <ol style="list-style-type: none"> <li>1. Current scenario of construction-related pollution in your country/city with relevant data</li> </ol>	<p><b>Moderator -Dr. Archana Walia</b></p> <p>Panelists: <b>Dr. K.S. Jayachandran,</b> Member Secretary, Delhi Pollution Control Committee, India</p>

	<p>and statistics and Policy mechanisms (mandates, incentives) that exist or needed to control construction dust effectively.</p> <ol style="list-style-type: none"> <li>2. Feasibility and scalability of best practices &amp; technologies Role of green certifications in sustainable construction practices</li> <li>3. Challenges faced by construction companies in adopting clean construction practices.</li> </ol> <p><i>“Micro, Small and Medium Enterprises (MSMEs): Air Pollution Issues and Workable Solutions”</i></p> <ol style="list-style-type: none"> <li>1. What are two policy recommendations that can improve air pollution from MSMEs?</li> <li>2. How can MSMEs adopt modern and efficient technologies and how could the MSMEs assist and how to enhance and facilitate better loans and skill development in MSMEs?</li> <li>3. Regulatory framework and its enforcement for better conditions and indoor air quality at the workplace and shop areas.</li> </ol>	<p><b>Dr. A G T Sugathapala,</b> Senior Lecturer at the University of Moratuwa &amp; Consultant (air quality management), Ministry of Environment, Sri Lanka</p> <p><b>Ms. Ashu Dehadani,</b> Associate Director- Technical Development, GBCI, Green Business Certification Inc. (GBCI)</p> <p><b>Mr. Paul Vallar,</b> Environmental Management Specialist II, Air Quality Management Section, Environmental Management Bureau, Philippines</p> <p><b>Dr Mukesh Sharma</b> Professor, IIT-Kanpur, India</p> <p><b>Mr. Tanmay Tathagat,</b> Director, Environmental Design Solutions, India</p>
<p><b>15:20-15:30</b></p>	<p><b>Closing</b> Key points from panel discussion and wrap up</p>	<p><b>Dr. Archana Walia</b> India Director, Clean Air Asia</p>