

SENSITISATION WORKSHOP ON

INDUSTRIAL BLACK CARBON IN INDO-GANGETIC PLAINS INITIATING THE DIALOGUE FOR ACTION IN WEST BENGAL

Date: 1 July 2026 | Time: 10.30 AM – 3:00 PM

Venue: The Sonnet, Block DD, Plot No. 8, Sector 1, Salt Lake, Kolkata

REGISTER HERE

Black carbon, commonly known as soot, is increasingly recognised as a super pollutant because of its significant impacts on both air quality and climate change. While it is a component of PM_{2.5}, black carbon remains largely absent from dedicated monitoring and regulatory frameworks. Its impacts extend beyond air pollution, contributing to climate warming, glacier melt, water insecurity and adverse public health outcomes.

Centre for Science and Environment (CSE) has undertaken a first-of-its-kind assessment of industrial black carbon emissions across the Indo-Gangetic Plains (IGP). CSE's assessment indicates that industries across the Indo-Gangetic Plains emit an estimated 4.64 lakh tonnes of black carbon annually. The study further demonstrates that significant emission reductions can be achieved through improved combustion efficiency, cleaner fuels, better operational practices and effective pollution control systems.

These findings highlight an important yet often overlooked opportunity for strengthening air quality management and delivering near-term climate benefits. Given West Bengal's diverse industrial base and strategic importance within the eastern Indo-Gangetic region, CSE is organising a sensitisation workshop to discuss:

- Understanding black carbon and its implications for air quality, climate and public health
- Key findings from CSE's assessment of industrial black carbon emissions in the Indo-Gangetic Plains
- Major black carbon-emitting industrial sectors and processes
- Black carbon emission profile and industrial landscape of West Bengal
- Best practices for improving combustion efficiency and reducing emissions
- Technology options and pollution control measures for black carbon reduction
- Policy and regulatory opportunities for integrating black carbon into air quality management

WHO SHOULD ATTEND?

- Industrial associations/Industry representatives
- Industrial boiler operators
- MSME representatives
- State regulatory bodies
- Industry experts, consultants and researchers
- Academic and technical institutions

WHY PARTICIPATE?

- Gain insights into emerging evidence on industrial black carbon emissions
- Understand sector-specific opportunities for emission reduction
- Learn about practical technological and operational solutions
- Engage with industry leaders, experts and policymakers
- Contribute to discussions on cleaner industrial development in West Bengal

FOR PARTICIPATION AND FURTHER INFORMATION:

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