

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 687/2023

In the matter of:

In re: Air Quality Index in various Cities

NDOH: 03.05.2024

INDEX

S.L. No.	Particulars	Page No.
1.	Status report on behalf of the GNCTD with respect to order dated 19.02.2024.	1-3

Filed by


(K.S. Jayachandran)

Special Secretary(Environment), GNCTD

Dated: ^{22nd} April, 2024

Place:

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI
Original Application No. 687/2023

In re: Air Quality Index in various Cities

**STATUS REPORT ON BEHALF OF GOVT. OF NCT OF DELHI
WITH RESPECT TO ORDER DATED 19.02.2024**

IT IS MOST RESPECTFULLY SHOWETH:

1. The Hon'ble Tribunal took up the above referred matter on 19.02.2024, has directed (i) The States/cities which have not furnished the reports are directed to provide the complete report at least one week before the next date of hearing and (ii) All the cities (53) should disclose contribution by each polluting source in terms of identified pollutant (PM10/PM2.5) as per source apportionment and progressive reduction on account of measures taken.
2. That, GNCTD has vide its status report filed on 15.02.2024 submitted information on fund received under NCAP and its utilization alongwith information on the source Apportionment Studies completed/ undertaken by GNCTD and DPCC.

4. That, as per the Comprehensive study on Air Pollution and Green House Gases in Delhi- 2016' conducted by IIT-Kanpur, the source wise contribution of PM_{2.5} and PM₁₀ during Winter and summer Season is as mentioned below:

Contribution of Sources to PM_{2.5} - Winter & Summer

Sources	% contribution (PM _{2.5})	
	Winter	Summer
Secondary particles	29.88	14.89
Biomass Burning	25.84	12.16
Vehicles	25.14	8.50
Coal and Fly Ash	4.79	25.95
Solid Waste Burning	7.75	7.23
Soil and Road Dust	4.29	27.07
Construction Material	1.52	3
Others	0.79	1.30


Contribution of Sources to PM₁₀ - Winter & Summer

Sources	% contribution (PM ₁₀)	
	Winter	Summer
Secondary particles	24.61	10.15
Biomass Burning	16.68	6.78
Vehicles	19.67	6.42
Coal and Fly Ash	12.13	37.20
Solid Waste Burning	8.75	7.75
Soil and Road Dust	14.41	26.48
Construction Material	3.08	4.13
Others	0.67	1.14

5. That, with concerted efforts and steps taken by various stakeholder departments, a reduction in the City average concentrations of PM10 and PM2.5 has been observed in Delhi since 2018 (as per DPCC CAAQM stations).

Year	2018	2023	Reduction (%)
PM10 ($\mu\text{g}/\text{m}^3$)	277	216	22
PM2.5 ($\mu\text{g}/\text{m}^3$)	128	106	17

6. It is requested to this Hon'ble Tribunal that the present status report may kindly be taken on record.


(K.S. Jayachandran)
Special Secretary (Environment)
Government of NCT of Delhi

Delhi

Dated: 22nd April 2024