

# <u>"Swachh Vayu Survekshan"</u>

# **Guidelines for Ranking of Cities**

# under NCAP

# for FY 2022-23 to 2025-26



# **Ministry of Environment Forest and**

**Climate Change** 

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#### 1. Background of National Clean Air Programme

- 1.1 Ministry of Environment, Forest & Climate Change (MoEF&CC) has launched National Clean Air Programme (NCAP) in 2019 for reducing Particulate Matter levels by 20-30% in next 5 years.
- 1.2 Under NCAP, 131 cities are being targeted for improving air quality. Of these 131 cities, 123 cities (NACs) are identified under NCAP based on non-conforming to national ambient air quality standards (NAAQS) consecutively for five years. In addition, million plus cities (MPCs) are also covered, those identified by 15th Finance Commission (XV-FC), for receiving performance based grant for air quality improvement. Out of 42 MPCs, 34 cities are common under NCAP. Thus, 131 cities (NACs and MPCs) are being monitored under the NCAP for improving air quality.
- 1.3 **"Swachh Vayu Survekshan"** a new initiative by MoEF&CC is proposed to rank cities on the basis of air quality and also on implementation of activities approved under city action plan in 131 Non-attainment cities.

#### 2. Objectives

The objectives of Swachh Vayu Survekshan are:

- a. To create awareness among all sections of the society
- b. Inform citizens about the health impacts related due to exposure
- c. Comparing air quality conditions at different locations/cities
- d. To achieve the goal of NCAP "Clean air for all".

#### 3. Applicability

These guidelines will be applicable on all stakeholders viz. MoEF&CC, CPCB, Environment Department, states/union territories (UTs), State Pollution Control Boards (SPCBs)/Pollution Control Committee (PCCs), urban local bodies (ULBs)/ local authorities/ agencies of NACs, etc. identified under NCAP and XV-FC.

#### 4. Criteria

The Criteria for Ranking of cities for ambient air quality will be on population basis. 131 cities are divided into 3 categories mentioned below:

Category	No. of	Population	List of cities
	Cities		
Category 1	47 cities	above 10 Lakh plus population (5 nos. of NCAP funded cities are also Million plus cities (MPCs) apart from 42 MPCs under XV-FC)	List of 47 cities are attached at Annexure-I.
Category 2	44 cities	above 3 to 10Lakh population	List of 44 cities are attached at Annexure-II.
Category 3	40 cities	under 3 Lakh population	List of 40 cities are attached at Annexure-III.

\*Population 2011 census

#### 5. Tenure

These guidelines for ranking of cities under NCAP will be applicable for the period of four years from FY 2022-23 to FY 2025-26.

#### 6. Budget Provision & Financial Allocation

- 6.1 The programme "Swachh Vayu Survekshan" is covered under the sub-component-3 "National and State level interventions and public outreach activities" of the component "National Mission for Clean Air" (NMCA) of central sector scheme "Control of Pollution".
- 6.2 Total financial outlay under the programme is Rs. 2700 crore for the period of five years and the year-wise budget provision under component 3 of NMCA given in **Annexure –IV.**

- 6.3 An amount of Rs. 21 crores have been allocated for distribution of cash prize as award to best performing cities for the period of four years from FY 2022-23 to FY 2025-26.
- 6.4 Better performing cities i.e top 3 cities in each category, will be rewarded by the Ministry of Environment, forest and Climate change with cash price, trophy and Certificate with title "National Clean Air City" under National Mission for Clean Air on 7<sup>th</sup> September every year on "International day of Clean Air for Blue skies".
- **6.5 Year-wise and total financial outlay** of the programme "Swachh Vayu Survekshan" is tabulated below:

Category	7	Award Cash Prize (₹ in crores)					
		2022-23	2023-24	2024-25	2025-26	Total	
Category 1	1 <sup>st</sup>	1.50	1.50	1.50	1.50	6.00	
	2 <sup>nd</sup>	1.00	1.00	1.00	1.00	4.00	
	3 <sup>rd</sup>	0.50	0.50	0.50	0.50	2.00	
Category 2	1 <sup>st</sup>	0.75	0.75	0.75	0.75	3.00	
	2 <sup>nd</sup>	0.50	0.50	0.50	0.50	2.00	
	3 <sup>rd</sup>	0.25	0.25	0.25	0.25	1.00	
Category 3	1 <sup>st</sup>	0.375	0.375	0.375	0.375	1.50	
	2 <sup>nd</sup>	0.25	0.25	0.25	0.25	1.00	
	3 <sup>rd</sup>	0.125	0.125	0.125	0.125	0.50	
Total		5.25	5.25	5.25	5.25	21.00	

#### 7. Fund Flow

The channel of fund flow for disbursing the funds shall be the same as ongoing disbursement of funds to non-attainment cities for implementation of city action plans through CPCB. In this regard, CPCB has been notified as Central Nodal Agency (CNA) and dedicated CNA account has been opened with Union Bank of India (UBI).

#### 8. Evaluation and Monitoring Mechanism

- 8.1 Assessment will be done on the basis of self assessment report submitted by ULBs. MoEF&CC will assign CPCB/Third party to evaluate the assessment reports and supporting documents. Ranking will be done on the basis of assessment framework given in this guideline.
- 8.2 Ranking as well as the detailed assessment report shall be uploaded on the PRANA website, ULBs website as well as on the website of state environment department.

#### 9. Guiding Principles

- 9.1 The necessary precondition for consideration of a city for ranking shall be meeting the respective PM10 reduction, as defined in;
  - 9.1.1 Guideline for Release & Utilization of Fund under NCAP (for 82 cities) and
  - 9.1.2 Operational Guidelines for implementation of the recommendations on Urban Local body grants (ambient air quality component, for 42 nos. of Million plus cities/UA)
- 9.2 Assessment will be done every year and performance assessment for ranking of cities shall be made for the period (financial year i.e 1<sup>st</sup> April to 31<sup>st</sup> March) of the preceding financial year.

#### 10 Right to Amend the Guidelines

MoEF&CC reserves the rights to change, modify or amend the Guidelines for ranking of cities under NCAP.

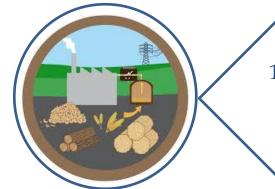
#### 11 Assessment Framework

Assessment Framework 1: For 47 Cities above 10 Lakh population

Assessment Framework 2: For 44 Cities above 3 to 10 Lakh population

Assessment Framework 3: For 40 Cities below 3 Lakh population

### Assessment Framework 1: For 47 Cities above 10 L population: 200 Marks



1. <u>Measures to abate emissions from</u> <u>biomass/ municipal solid waste</u> <u>burning; weightage - 20%</u>

Components	Marks (M)	Marking Metho	dology	Authorizing Agency
<b>1.</b> Measures to abate emissions from biomass burning	40			Signed declaration by ULB
a) % of solid waste collected against generated	10	Table 1         > 80 to 100%         > 60 to 80%         > 40 to 60%         > 20 to 40%         > 10 to 20%         <10%	10M 8 M 6 M 4 M 2 M NIL	
b) % of solid waste processed against generated	10	Ref-Table	1	
c) Installed capacity to process the generated waste	5	Table 2Capacity to process> 10-thousand-tonwaste (TTW)>8 to 10 (TTW)>6 to 8 (TTW)>4 to 6 (TTW)> 2 to 4 (TTW)< 2 (TTW)	5 M 4 M 3 M 2M 1M NIL	
d) % of legacy waste processed against existing total legacy waste	5	Table 3         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	5 M 4 M 3 M 2 M 1 M NIL	
e) Ban imposed on burning of solid waste	5	Complaints of waste bur (yearly) No complaints 1-5-complaints 6-10 complaints 11-15 complaints 16-20 complaints >20 complaints	5 M 4 M 3 M 2M 1M NIL	
f) % of plastic waste collected against generated	5	Ref-Table	3	

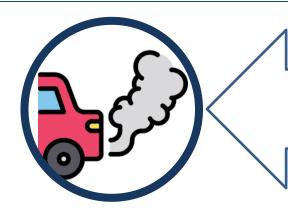


Components	Marks	Marking Methodology		Authorizing Agency
2. Measures to abate road dust emissions	40			Signed declaration by ULB
a. % of all types of roads maintained/ pothole free road	10	Table 1         > 80 to 100%         > 60 to 80%         > 40 to 60%         > 20 to 40%         > 10 to 20%         < 10%	10M 8 M 6 M 4 M 2 M NIL	
b. % of pavements made against total length of road shoulders	7.5	Table 2         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	7.5 M 6 M 5 M 2.5M 1M NIL	
c. % of roads to be metalled against total length of unmetalled road	12.5	Table 3         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	12.5M 9 M 6 M 4 M 2 M NIL	
d. % of area covered by greenbelt against total area/ road length to be greened including along road side and on dividers	5	Table 4         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	5 M 4 M 3 M 2M 1M NIL	
e. % of road length sweeped including through mechanical road sweepers	5	Ref. Table	4	



3. Measures to abate dust from Construction and Demolition waste (C&D); weightage - 5%

Components	Marks	Marking Methodology		Authorizing Agency
3. Measures to abate dust from C&D waste	10			Signed declaration by ULB
		Table 1		
		> 80 to 100%	2 M	
		>60 to 80%	1.6 M	
a. % of C&D waste collected	2	>40 to 60%	1.2 M	
against generated		>20 to 40%	0.8 M	
		>10 to 20%	0.4 M	
		<10%	NIL	
b. % of C&D processed against	2			
generated	Z	Ref. Table	1	
c. % of C&D Utilised against	2	Ref. Table	1	
generated	Z	Kel. Table	1	
d. % of sites under real time	2	Ref. Table	1	
monitoring	2	Kei. Table	1	
e. % of construction sites where				
the guidelines for dust	2	Ref. Table 1		
mitigation were complied as	-		T	
per the CPCB guidelines				



<u>4. Measures to abate Vehicular</u>

Emissions; weightage - 20%

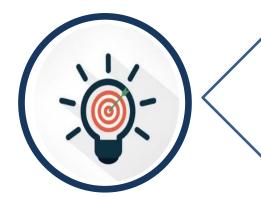
	Components	Marks	Marking Methodology	Authorizing Agency
	Measures to abate vehicular issions	40		Submission of relevant signed documents from RTO
1.	Monitoring of PUC for vehicles and data on compliances, number of vehicles monitored vis-a-vis registered vehicles.	20		
a)	Adequate number of PUC testing centre	5	<ul> <li>At least 6 PUC Centres per 1,00,000 vehicles- 5 M</li> <li>At least 4 to 5 PUC Centres per 1,00,000 vehicles- 3 M</li> <li>Less than 4 PUC centers/100000 vehicles-NIL</li> </ul>	
b)	% Of PUC testing centre integrated with centralized server.	5	Table 1         > 80 to 100%       5 M         > 60 to 80%       4 M         > 40 to 60%       3 M         > 20 to 40%       2M         > 10 to 20%       1 M         < 10%	
c)	Registered vehicles with PUC certificate	10	<ul> <li>More than 90% of registered vehicles with PUC certificate- 10M</li> <li>50% of registered vehicles with PUC certificate-5 M</li> <li>Less than 50%- NIL</li> </ul>	
2.	Public transport infrastructure (per 1L population)	5	Table 2Minimum 30 buses5 M25 - 304 M20- 253 M15- 202M10-151 MLess than 10NIL	

3. No. of fuel stations inspected for fuel adulteration	5	Ref -Table	1	Declaration by Dist Supply Office/ULB
<ul> <li>4. E-mobility- registered vehicles (e-buses, 3wheelers, 2 wheelers, 4 wheelers etc.)</li> </ul>	5	Table 3 >5% 4% 3% 2% 0.5 to 1% <0.5%	5 M 4 M 3 M 2M 1M NIL	Submission by RTO
5. EVs charging infrastructure in the city. (Develop charging infrastructure for EVs as per the growth of EV).	5	Table 4           Min         1         charging           station/15 X 15 km         >15 to 20 X 20 Km           >20 to 25 X 25 Km         >20 to 25 X 25 Km           >25 to 30 X 30 Km         >30 to 35 X 35 Km           >35 Km         >	5 M 4 M 3 M 2M 1M NIL	State Government



5. Measures to abate emissions from Industries; weightage - 20%

Components	Marks	Marking Methodology		norizing gency
5. Measures to abate emissions from Industries	40		dec	igned laration SPCB
		Table 1		
		> 80 to 100% 10M		
a. % of Online Continuous		>60 to 80% 8 M		
Emission Monitoring Systems	10	>40 to 60% 6 M		
(OCEMS) w.r.t. total no of industries		>20 to 40% 4 M		
industries		>10 to 20% 2 M		
		<10% NIL		
		Table 2		
		> 80 to 100% 20 N	1	
		>60 to 80% 15 M	1	
b. % of industrial clusters		>40 to 60% 10 M	1	
complying with emission norms	20	>20 to 40% 5 M		
		>10 to 20% 2.5 h	А	
		<10% NIL		
c. % of Industries shifted to clean fuel	10	Ref. Table 1		



<u>6. Measures to abate Other</u> Emissions; weightage - 10%

Components	Marks	Marking Methodology		Authorizing Agency
6. Measures to abate other emissions	20			
a. % of houses covered under LPG/PNG scheme	5	Table           > 80 to 100%           > 60 to 80%           > 40 to 60%           > 20 to 40%           > 10 to 20%           < 10%	1 5 M 4 M 3 M 2M 1M NIL	Signed declaration by ULB
b. % of wards covered under door to door collection facili	ity 2.5	Table           > 80 to 100%           > 60 to 80%           > 40 to 60%           > 20 to 40%           > 10 to 20%           < 10%	2 2.5 M 2 M 1.5 M 1M 0.5 M NIL	Signed declaration by ULB
c. % of brick kilns shifted to zigzag including within 101 from sides of the ULB limits		Ref. Table 1		Signed declaration by ULB
d. Electricity Supply -	5	Table24 hours22 to 24 hours18 to 22 hours16 to 18 hours14 to 16 hoursLess than 14 hours	3 5 M 4 M 3 M 2M 1M NIL	Signed declaration by Electricity board
<ul> <li>e. Public Grievances Redressa System (PGRS):</li> <li>% Of air pollution related complaints resolved against registered</li> </ul>	2.5	Ref. Tab	le 2	Signed declaration by SPCB/ULB



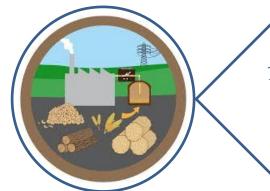
Components	Marks	Marking Metho	dology	Authorizing Agency
7. ICE activities / Public awareness programmes	5			
a. Advertisements on Dos and Don'ts on social media, each on twitter, Facebook, Instagram, and also permanent display on departments websites	1	Table 1Minimum 15 ads per month12 to 1410 to 128 to 105 to 8Less than 5 ads per month	1 M 0.8 M 0.6 M 0.4 M 0.5 M NIL	Signed declaration by ULB and SPCBs
b. % of houses covered for Door to door campaign (segregation of waste at source etc)	2	Table 2         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	2 M 1.6 M 1.2 M 0.8 M 0.4 M NIL	Signed declaration by ULB
c. % of schools covered out of all schools for awareness programmes	2	Ref. Table 2		Signed declaration by ULB and SPCBs



8. Improvement in PM10 concentrations; weightage – 2.5%

Components	Marks	Marking Methodology		Authorizing Agency
<ul> <li>8. Improvement in PM 10 concentration (Integrated value of NAMP &amp; CAAQMS year on year basis i.e improvement in past 1 year.</li> <li>* NAAQS- National Ambient Air Quality Standards for PM10 = 60µg/m<sup>3</sup></li> </ul>	5	PM10 improvement         > 10% or NAAQS         >8 to 10%         >6 to 8%         >4 to 6%	M 5 M 4 M 3 M 2 M	Signed declaration by ULB and SPCBs
00µzj m		<4% improvement	NIL	

### Assessment Framework 2: For 44 Cities above 3 to 10 L population:



1. <u>Measures to abate emissions from</u> <u>biomass/ municipal solid waste</u> <u>burning; weightage - 20%</u>

Components	Marks	Marking Methodology	Authorizing Agency
<b>1.</b> Measures to abate emissions from biomass burning	40		Signed declaration by ULB
a) % of solid waste collected against generated	10	Table 1         > 80 to 100%       10M         > 60 to 80%       8 M         > 40 to 60%       6 M         > 20 to 40%       4 M         > 10 to 20%       2 M         < 10%	
b) % of solid waste processed against generated	10	Ref-Table 1	
c) Installed capacity to process the generated waste	5	Table 2Capacity to process $5 \text{ M}$ >10thousand ton waste (TTW) $5 \text{ M}$ >8 to 10 (TTW) $4 \text{ M}$ >6 to 8 (TTW) $3 \text{ M}$ >4 to 6 (TTW) $2 \text{ M}$ > 2 to 4 (TTW) $1 \text{ M}$ < 2 (TTW)	
d) % of legacy waste processed against existing	5	Table 3         > 80 to 100%       5 M         > 60 to 80%       4 M         > 40 to 60%       3 M         > 20 to 40%       2 M         > 10 to 20%       1 M         < 10%	
e) Ban on burning of solid waste enforced	5	Complaints of waste burning in PGRS(yearly)zero burning5 M1-5-complaints4 M6-10 complaints3 M11-15 complaints2M16-20 complaints1M>20 complaintsNIL	
f) % of plastic waste collected against generated	5	Ref-Table 3	



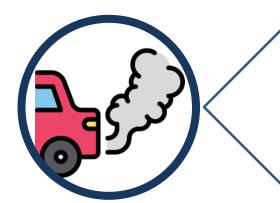
<u>2. Measures to abate Road Dust;</u> weightage - 20%

Components	Marks	Marking Methodology	Authorizing Agency
2. Measures to abate road dust emissions	40		Signed declaration by ULB
a. % of all types of roads maintained/ pothole free road	10	Table 1         > 80 to 100%       10M         > 60 to 80%       8 M         > 40 to 60%       6 M         > 20 to 40%       4 M         > 10 to 20%       2 M         < 10%	
b. % of pavements made against total length of road shoulders	7.5	Table 2         > 80 to 100%       7.5 M         > 60 to 80%       6 M         > 40 to 60%       5 M         > 20 to 40%       2.5 M         > 10 to 20%       1 M         < 10%	
c. % of roads to be metalled against total length of unmetalled road	15	Table 3         > 80 to 100%       15 M         > 60 to 80%       12 M         > 40 to 60%       8 M         > 20 to 40%       6 M         > 10 to 20%       4 M         < 10%	
d. % of area covered by greenbelt against total area/ road length to be greened including along road side and on dividers	2.5	Table 4         > 80 to 100%       2.5 M         > 60 to 80%       2 M         > 40 to 60%       1.5 M         > 20 to 40%       1M         > 10 to 20%       0.5 M         < 10%	
e. % of road length sweeped including through mechanical road sweepers	5	Ref. Table 5         > 80 to 100%       5 M         > 60 to 80%       4 M         > 40 to 60%       3 M         > 20 to 40%       2M         > 10 to 20%       1 M         < 10%	



3. Measures to abate dust from Construction and Demolition waste (C&D); weightage - 5%

Components	Marks	Marking Methodology		Authorizing Agency
3. Measures to abate emissions from C&D waste	10			Signed declaration by ULB
		Table 1		
a. % of C&D waste collected against generated		> 80 to 100%	2 M	
		>60 to 80%	1.6 M	
	2	>40 to 60%	1.2 M	
		>20 to 40%	0.8 M	
		>10 to 20%	0.4 M	
		<10%	NIL	
a. % of C&D processed against generated	2	Ref. Table 1		
b. % of C&D Utilised against generated	2	Ref. Table 1		
c. % of sites under real time monitoring	2	Ref. Table 1		
d. % of sites where the guidelines for dust mitigation were complied	2	Ref. Table	21	



<u>4. Measures to abate Vehicular</u> Emissions; weightage - 20%

Components	Marks	Marking Methodology	Authorizing Agency
<b>4.</b> Monitoring of PUC for vehicles and data on compliances, number of vehicles monitored vis-a-vis registered vehicles.	40		Submission of relevant signed documents from RTO
a. Adequate number of PUC testing centre	5	<ul> <li>At least 6 PUC Centres per 1,00,000 vehicles- 5 M</li> <li>At least 4 to 5 PUC Centres per 1,00,000 vehicles- 3 M</li> <li>Less than 4 PUC centers/100000 vehicles-NIL</li> </ul>	
b. % of PUC testing centre integrated with centralized server.	5	Table 1         > 80 to 100%       5 M         > 60 to 80%       4 M         > 40 to 60%       3 M         > 20 to 40%       2M         > 10 to 20%       1M         < 10%	
c. Registered vehicles with PUC certificate	10	<ul> <li>More than 90% of registered vehicles with PUC certificate10M</li> <li>50% of registered vehicles with PUC certificate-5 M</li> <li>Less than 50% - NIL</li> </ul>	
d. Public transport infrastructure	7.5	Table 2         Minimum 25 buses       7.5 M         20- 25       6 M         15 - 20       5 M         10 - 15       2.5 M         05 - 10       1M         Less than 5       NIL	
e. No. of fuel stations inspected for fuel adulteration	5	Ref-Table 1	Declaration by Dist Supply Office/ULB
<ul> <li>f. E-mobility – registered</li> <li>vehicles (e-buses, 3wheelers,</li> <li>2 wheelers, 4 wheelers etc.)</li> </ul>	7.5	Table 3         >2%       7.5 M         1.75% to 2%       6 M         1.5 to 1.75%       5 M         1to 1.5%       2.5 M         0.5% to 1%       1M         <0.5%	



<u>5. Measures to abate emissions</u> from Industries; weightage - 15%

Components	Marks	Marking Methodology	Authorizing Agency
5. Measures to abate emissions from Industries	30		Signed declaration by SPCB
a. % of Online Continuous Emission Monitoring Systems (OCEMS)	10	Table 1         > 80 to 100%       10M         > 60 to 80%       8 M         > 40 to 60%       6 M         > 20 to 40%       4 M         > 10 to 20%       2 M         <10%	
b. % of industries complying with emission norms	15	Table 2         > 80 to 100%       15 M         > 60 to 80%       12 M         > 40 to 60%       8 M         > 20 to 40%       6 M         > 10 to 20%       4 M         < 10%	
c. % of Industries shifted to clean fuel	5	Table 3         > 80 to 100%       5 M         > 60 to 80%       4 M         > 40 to 60%       3 M         > 20 to 40%       2M         > 10 to 20%       1 M         < 10%	

<u>6. Measures to abate Other</u> Emissions; weightage - 15%

Components	Marks	Marking Methodology	Authorizing Agency
6. Measures to abate other emissions	30		
a. % of houses covered under LPG/PNG scheme	7.5	Table 1         > 80 to 100%       7.5 M         > 60 to 80%       6 M         > 40 to 60%       5 M         > 20 to 40%       2.5 M         > 10 to 20%       1 M         < 10%	Signed declaration by ULB
a. % of brick kilns shifted to zigzag including within 10 km from sides of the ULB limits	7.5	Ref. Table 1	Signed declaration by ULB
b. Electricity Supply	7.5	Table 2         24 hours       7.5 M         22 to 24 hours       6 M         18 to 22 hours       5 M         16 to 18 hours       2.5 M         14 to 16 hours       1M         Less than 14 hours       NIL	Signed declaration by Electricity board
c. % of wards covered under door to door collection facility	5	Table 3           > 80 to 100%         5 M           > 60 to 80%         4 M           > 40 to 60%         3 M           > 20 to 40%         2 M           > 10 to 20%         1 M           < 10%	Signed declaration by ULB
<ul> <li>d. Public Grievances Redressal System (PGRS)</li> <li>% Of air pollution related complaints resolved against registered</li> </ul>	2.5	Table 4         > 80 to 100%       2.5 M         > 60 to 80%       2 M         > 40 to 60%       1.5 M         > 20 to 40%       1M         > 10 to 20%       0.5 M         < 10%	Signed declaration by SPCB/ULB



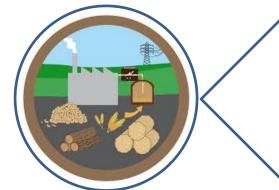
Components	Marks	Marking Metho	dology	Authorizing Agency
7. ICE activities / Public awareness programmes	5			
a. Advertisements on Dos and Don'ts on social media, each on twitter, Facebook, Instagram, and also permanent display on departments websites	1	Table 1Minimum 15 ads per month12 to 1410 to 128 to 105 to 8Less than 5 ads per month	1 M 0.8 M 0.6 M 0.4 M 0.5 M NIL	Signed declaration by ULB and SPCBs
b. % of houses covered for Door to door campaign (segregation of waste at source etc)	2	Table 2         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	2 M 1.6 M 1.2 M 0.8 M 0.4 M NIL	Signed declaration by ULB
c. % of schools covered out of all schools for awareness programmes	2	Ref. Table 2		Signed declaration by ULB and SPCBs



# 8. Improvement in PM10 concentrations; weightage – 2.5%

Components	Marks	Marking Methodol	ogy	Authorizing Agency
<ul> <li>8. Improvement in PM 10 concentration (Integrated value of NAMP &amp; CAAQMS year on year basis i.e improvement in past 1 year.</li> <li>* NAAQS- National Ambient Air Quality Standards for PM10 = 60µg/m<sup>3</sup></li> </ul>	5	PM10 improvement         > 10% or NAAQS         >8 to 10%         >6 to 8%         >4 to 6%         <4% improvement	M 5M 4M 3M 2M NIL	Signed declaration by ULB and SPCBs

### Assessment Framework 3: For 40 Cities below 3 L population:



<u>Measures to abate emissions from</u> <u>biomass/ municipal solid waste</u> <u>burning: weightage - 20%</u>

Components	Marks	Marking Method	ology	Authorizing Agency
<b>1.</b> Measures to abate emissions from biomass burning	40			Signed declaration by ULB
a) % of solid waste collected against generated	10	>60 to 80%         8           >40 to 60%         0           >20 to 40%         2           >10 to 20%         2	10 M 8 M 6 M 4 M 2 M NIL	
b) % of solid waste processed against generated	10	Ref. Table 1		
c) Installed capacity to process the generated waste	5	Table 2Capacity to processMore than 5-thousand-towaste>4>3>2>1Less than 1	5 M 4 M 3 M 2M 1M NIL	
d) % of legacy waste processed against existing	5	>60 to 80%         4           >40 to 60%         5           >20 to 40%         5           >10 to 20%         5	5 M 4 M 3 M 2M 1M NIL	
e) Ban on burning of solid waste enforced	5	1-5-complaints6-10 complaints11-15 complaints16-20 complaints	ing in PGRS 5 M 4 M 3 M 2M 1M NIL	
f) % of plastic waste collected against generated	5	Ref-Table 3	-	



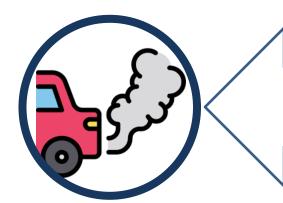
2. Measures to abate Road Dust; weightage - 25%

Components	Marks	Marking Methodology		Authorizing Agency
2. Measures to abate road dust emissions	50			Signed declaration by ULB
a. % of all types of roads maintained/ pothole free road	15	Table 1         > 80 to 100%         > 60 to 80%         > 40 to 60%         > 20 to 40%         > 10 to 20%         < 10%	15 M 12 M 8 M 6 M 4 M NIL	
b. % of pavements made against total length of road shoulders	10	Table 2           > 80 to 100%           >60 to 80%           >40 to 60%           >20 to 40%           >10 to 20%           <10%	10M 8 M 6 M 4 M 2 M NIL	
c. % of roads to be metalled against total length of unmetalled road	15	Ref. Table 1		
d. % of area covered by greenbelt against total area/ road length to be greened including along road side and on dividers	2.5	Table 3         > 80 to 100%         > 60 to 80%         > 40 to 60%         > 20 to 40%         > 10 to 20%         < 10%	2.5 M 2 M 1.5 M 1M 0.5 M NIL	
e. % of road length sweeped including through mechanical road sweepers	7.5	Table 4         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	7.5 M 6 M 5 M 2.5 M 1M NIL	



3. Measures to abate dust from Construction and Demolition waste (C&D): weightage - 5%

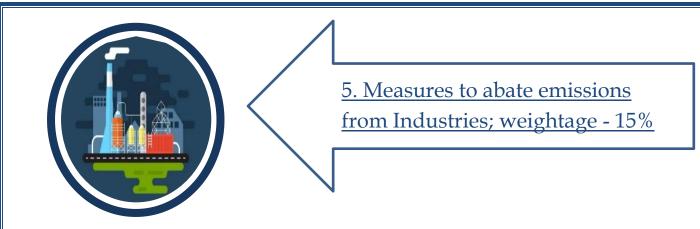
Components	Marks	Marking Methodology		Authorizing Agency
3. Measures to abate emissions from C&D waste	10			Signed declaration by ULB
		Table 1		
		> 80 to 100%	2 M	
a. % of C&D waste collected against generated		>60 to 80%	1.6 M	
	2	>40 to 60%	1.2 M	
		>20 to 40%	0.8 M	
		>10 to 20%	0.4 M	
		<10%	NIL	
b. % of C&D processed against generated	2	Ref. Table 1		
c. % of C&D Utilised against generated	2	Ref. Table 1		
d. % of sites under real time monitoring	2	Ref. Table 1		
e. % of sites where the guidelines for dust mitigation were complied	2	Ref. Table	1	



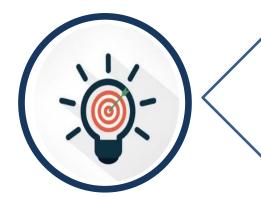
<u>4. Measures to abate Vehicular</u>

Emissions: weightage - 15%

Components	Marks	Marking Methodology	Authorizing Agency
<b>4.</b> Monitoring of PUC for vehicles and data on compliances, number of vehicles monitored vis-a-vis registered vehicles.	30		Submission of relevant signed documents from RTO
a. Adequate number of PUC testing centre	5	<ul> <li>At least 6 PUC Centres per 1,00,000 vehicles- 5 M</li> <li>At least 4 to 5 PUC Centres per 1,00,000 vehicles- 3 M</li> <li>Less than 4 PUC centers/100000 vehicles-NIL</li> </ul>	
b. % of PUC testing centre integrated with centralized server.	5	Table 1         > 80 to 100%       5 M         > 60 to 80%       4 M         > 40 to 60%       3 M         > 20 to 40%       2M         > 10 to 20%       1M         < 10%	
c. Registered vehicles with PUC certificate	10	<ul> <li>More than 90% of registered vehicles with PUC certificate- 10 M</li> <li>50% of registered vehicles with PUC certificate-5 M</li> <li>Less than 50%- NIL</li> </ul>	
d. Public transport infrastructure	5	Table 2         Minimum 20 buses       5 M         15-20       4 M         10-15       3 M         7-10       2M         5-7       1M         Less than 5       NIL	
e. No. of fuel stations inspected for fuel adulteration	5	Ref-Table 1	Declaration by Dist Supply Office/ULB

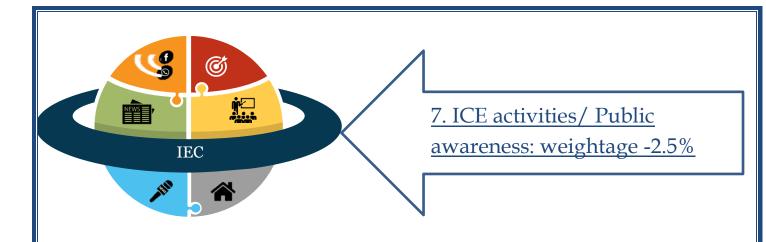


Components	Marks	Marking Methodology	Authorizing Agency
5. Measures to abate emissions from Industries	30		Signed declaration by SPCB
a. % of Online Continuous Emission Monitoring Systems (OCEMS)	10	Table 1         > 80 to 100%       10M         > 60 to 80%       8 M         > 40 to 60%       6 M         > 20 to 40%       4 M         > 10 to 20%       2 M         < 10%	
b. % of industries complying with emission norms	15	Table 2         > 80 to 100%       15 M         > 60 to 80%       12 M         > 40 to 60%       8 M         > 20 to 40%       6 M         > 10 to 20%       4 M         < 10%	
c. % of Industries shifted to clean fuel	5	Table 3         > 80 to 100%       5 M         > 60 to 80%       4 M         > 40 to 60%       3 M         > 20 to 40%       2M         > 10 to 20%       1 M         < 10%	



<u>6. Measures to abate Other</u> Emissions: weightage - 15%

Components	Marks	Marking Methodology		Authorizing Agency
6. Measures to abate other emissions	30			
a. % of houses covered under LPG/PNG scheme	5	Table           > 80 to 100%           > 60 to 80%           > 40 to 60%           > 20 to 40%           > 10 to 20%           < 10%	1 5 M 4 M 3 M 2M 1M 0 M	Signed declaration by ULB
b. % of brick kilns shifted to zigzag including within 10 km from sides of the ULB limits	10	Table           > 80 to 100%            > 60 to 80%            > 40 to 60%            > 20 to 40%            > 10 to 20%	2 10M 8 M 6 M 4 M 2 M 0 M	Signed declaration by ULB
b. Electricity Supply -	7.5	Table           > 80 to 100%            > 60 to 80%            > 40 to 60%            > 20 to 40%            > 10 to 20%            < 10%	7.5 M 6 M 5 M 2.5 M 1M 0 M	Signed declaration by Electricity board
c. % of wards covered under door to door collection facility	5	Ref. Table 1		ULB
<ul> <li>d. Public Grievances Redressal System (PGRS)</li> <li>% Of air pollution related complaints resolved against registered</li> </ul>	2.5	Table           > 80 to 100%           > 60 to 80%           > 40 to 60%           > 20 to 40%           > 10 to 20%           < 10%	4 2.5 M 2 M 1.5 M 1M 0.5 M 0 M	Signed declaration by SPCB/ULB



Components	Marks	Marking Methodology		Authorizing Agency
7. ICE activities / Public awareness programmes	5			
a. Advertisements on Dos and Don'ts on social media, each on twitter, Facebook, Instagram, and also permanent display on departments websites	1	Table 1Minimum 15 ads per month12 to 1410 to 128 to 105 to 8Less than 5 ads per month	1 M 0.8 M 0.6 M 0.4 M 0.5 M 0.2 M	Signed declaration by ULB and SPCBs
b. % of houses covered for Door to door campaign (segregation of waste at source etc)	2	Table 2         > 80 to 100%         >60 to 80%         >40 to 60%         >20 to 40%         >10 to 20%         <10%	2 M 1.6 M 1.2 M 0.8 M 0.4 M NIL	Signed declaration by ULB
c. % of schools covered out of all schools for awareness programmes	2	Ref. Table 2		Signed declaration by ULB and SPCBs



8. Improvement in PM10 concentrations: weightage – 2.5%

Components	Marks	Marking Methodolo	Authorizing Agency	
<ul> <li>8. Improvement in PM 10 concentration (Integrated value of NAMP &amp; CAAQMS year on year basis i.e improvement in past 1 year.</li> <li>* NAAQS- National Ambient Air Quality Standards for PM10 = 60µg/m<sup>3</sup></li> </ul>	5	PM10 improvement         > 10% or NAAQS         >8 to 10%         >6 to 8%         >4 to 6%         <4% improvement	M 5M 4M 3M 2M NIL	Signed declaration by ULB and SPCBs

<u>Annexure I</u>

# List of Cities- Population above 10 Lakhs

Sl.No.	City/ Town	Sl. No.	City/ Town
1	Delhi	30	Ludhiana
2	Thane	31	Vishakhapatnam
3	Srinagar	32	Vijayawada
4	Howrah	33	Surat
5	Chandigarh	34	Ahmedabad
6	Bangalore	35	Rajkot
7	Ranchi	36	Vadodara
8	Jamshedpur	37	Trichy
9	Dhanbad	38	Chennai
10	Patna	39	Madurai
11	Gwalior	40	Asansol
12	Bhopal	41	Kolkata
13	Indore	42	Faridabad
14	Jabalpur	43	Durg Bhilai
15	Greater Mumbai	44	Raipur
16	Aurangabad	45	Jodhpur
17	Nashik	46	Jaipur
18	Pune	47	Kota
19	Nagpur		
20	Vasai Virar		
21	Varanasi		
22	Allahabad		
23	Kanpur		
24	Lucknow		
25	Meerut		
26	Agra		
27	Ghaziabad		
28	Hyderabad		
29	Amritsar		

# <u>Annexure II</u>

# List of cities- Population from 3 to 10 Lakhs

Sl.no	City/ Town	Sl.no	City/ Town
1	Bareily	24	Kadapa
2	Guwahati	25	Anantapur
3	Solapur	26	Alwar
4	Hubli-Dharwad	27	Chandrapur
5	Moradabad	28	Navi Mumbai
6	Bhubaneswar	29	Badlapur
7	Jalandhar	30	Patancheruvu
8	Gorakhpur	31	Barrackpore
9	Guntur	32	Korba
10	Cuttack	33	Jammu
11	Gulburga	34	Amravati
12	Ujjain	35	Noida
13	Ulhasnagar	36	Firozabad
14	Sangli	37	Durgapur
15	Kurnool	38	Dehradun
16	Udaipur	39	Nellore
17	Gaya	40	Kolhapur
18	Jalgaon	41	Rourkela
19	Patiala	42	Jhansi
20	Devanagere	43	Rajahmundry
21	Akola	44	Sagar
22	Muzaffarpur		
23	Latur		

### Annexure III

# List of cities- Population less than 3 Lakh

Sl. No.	City/ Town	Sl.no	
1.	Kohima	21	Dewas
2.	Gobindgarh	22	Jalna
3.	Sangareddy	23	Eluru
4.	Gajraula	24	Vizianagaram
5.	Sibsagar	25	Thoothukudi
6.	Kalinga Nagar	26	Ongole
7.	Naya Nangal	27	Haldia
8.	Angul	28	Raebareli
9.	Talcher	29	Chitoor
10.	Baddi	30	Silchar
11.	Nalbari	31	Pathankot/Dera Baba
12.	Dera Bassi	32	Nalgonda
13.	Paonta Sahib	33	Nagaon
14.	Sunder Nagar	34	Srikakulam
15.	Anpara	35	Balasore
16.	Nalagarh	36	Khurja
17.	Parwanoo	37	Khanna
18.	Damtal	38	Dimapur
19.	Byrnihat	39	Kashipur
20.	Kala Amb	40	Rishikesh

#### Annexure IV

#### Total fund allocation under National Mission for Clean Air

(Amount in Rs. Crore)

Activity	Fund required (Rs Cr)				Budget for 5 yrs	
	FY 2021- 22	FY 2022-23	FY 2023- 24	FY 2024- 25	FY 2025- 26	
<b>Component 1 -</b> City specific fund	96.62	597	597	597	597.38	2485.0 (92.04%)
<b>Component 2 -</b> Funds for Administrative & Office Expenses	-	34.0	34.0	34.0	33.0	135.0 (5%)
<b>Component 3 -</b> National and State level interventions and Public Outreach Activities	2.13	19.0	19.0	19.0	20.87	80.0 (2.96%)
Total	98.75	650.0	650.0	650.0	651.25	2,700.0 (100%)

Note: Re-appropriation of funds can be done from component 2 and 3 to component 1 for carrying out city specific activities, however, re-appropriation of funds from component 1 to other activities is not permissible.