



**Sensitization cum
Review Workshop
under National Clean
air Programme and
XV-FC Million Plus
Cities Challenge Fund
MoEFCC, GoI**

- **National Clean Air Programme (NCAP) – Launched in January 2019**
- Hon'ble Prime Minister in his address on 15th August, 2020 announced that air quality in more than 100 cities of the country will be improved.
- **132 cities (124 Non-attainment Cities -NAC) are being targeted for improving air quality under National Clean Air Program (NCAP)**
- NCAP envisages reduction by 20-30% in PM 10 concentration over base line in year 2019-20 by 2025-26.
- **Motto - 'CLEAN AIR FOR ALL'**

NCAP Objectives:

- **To prevent, control and abate air pollution through convergence of other missions, schemes and programmes**
- **Capacity building for SPCBs/ PCCs/ Local Bodies .**
- **Enhance green transport infrastructure for public transport.**
- **Adoption of cleaner / renewable fuels.**
- **Policies, programs and strengthening mechanism for control of industrial pollution.**
- **Better compliances -municipal solid waste management and C &D waste management Rules.**
- **Promote research and development for prevention, control and abatement of air pollution.**
- **Augment public awareness and outreach programmes for enhancing public participation.**
- **Collaborate with international agencies and non-government organisations.**

Committees Structured under NCAP

Committees have been set up at national, state and city level for coordination, monitoring and evaluation of progress on action plans by various stakeholder agencies/Departments/Ministries: -

National Level

- I. Apex Committee under Chairmanship of Hon'ble Minister, EFCC
- II. Steering Committee under the Chairmanship of Secretary, EFCC
- III. Monitoring Committee under the Chairmanship of Joint Secretary, MoEFCC
- IV. Implementation Committee under the Chairmanship of Chairman, CPCB

State Level

- I. Steering Committee under the Chairmanship of Chief Secretary
- II. Implementation Committee under the Chairmanship of ACS/PS, Environment

City Level

- I. City level Implementation and Monitoring Committee under the Chairmanship of District Collector/Municipal Commissioner.

Financial Arrangement for Air Quality Management across 132 cities

- **Rs. 375 Cr** under NCAP (2018 -2020) - provided to 122 cities for implementation of activities approved under city action plans
Rs 290 Cr is allocated for 82 NCAP cities for FY 2021-22.
- **Rs. 4400 Cr** under 15th Finance Commission Grant to 42 million plus cities released in year 2020-21.
- **In addition, 15th Finance Commission has recommended performance-based grant for Rs. 12,139 Cr (2021-26) to 42 million plus cities (34 cities are under NCAP) under Million Plus Challenge Fund.**
- **Rs 2217 Cr** is allocated for 50 (42+8) cities under 15th Finance Commission for FY 2021-22.
- **A total of Rs 2507 Cr** is allocated for FY 2021-22 for air quality improvement in 132 cities

Convergence of Activities from other Schemes

- Sectoral policies for mitigation air pollution
 - XV-FC grant to be utilized for development of necessary infrastructure for charging of electrical vehicles and to encourage it, one of the essential parameter for performance assessment
- Convergence of various schemes of Central and State governments for implementation of activities for air quality improvement.
- Convergence will bring in synergies between different government programmes/schemes in terms of planning, process and implementation
 - Identifying various other schemes which indirectly helps in improvement in air quality
 - Facilitate sustainable development
 - Various State and City level departments need to allocate funds from their schemes for the CPCB approved city action plans.

Implementation Strategy

- Committees structured at various levels will be responsible for execution and implementation of city action plans
- **Financial support** to SPCBs
- Strengthening of National Ambient Air Quality Monitoring Network
- Preparation of **micro level city action plans** and **State Action Plans**
- Data collation & dissemination to public
- Identification of hotspots in ULBs through scientific study
- Community participation – public awareness programmes
- State level interventions to ensure the air quality status
- Adoption/Implementation of new technologies

Monitoring, Evaluation and Reporting (MER)

- Requires coordinated efforts of State Governments and its agencies and line ministries of Central Government (MoHUA, MoP, MoPNG, MoRTH, MNRE, MHWFA, MoAFW).
- Letters from Minister, MoEFCC to the Ministers of line ministries and Chief Ministers/LG of States/UTs and from Secretary, MoEFCC and JS, MoEFCC to Secretaries of line ministries and Chief Secretaries/Administrators of States/UTs have been written for the following:
 - a. Preparation of micro level city action plan for improving air quality in 132 cities.
 - b. Preparation of State Action Plan for air quality management
 - c. Mobilisation of additional resources through convergence of schemes/programmes of the Ministries/State Government/UTs and their agencies for implementation of measures for air quality improvement.
- **PRANA** - A centralised web based dash board for NCAP for reporting progress, data analysis, monitoring is developed.
- Regular progress review meetings are held with all city level and SPCBs, for close co-ordination and interaction through Video Conferencing.
- Each city has been assigned a dedicated officer from CPCB-regional directorate for co-ordination and to pursue the progress at city level.

Overview on NCAP Guidelines

- **NCAP fund is a supplemental fund**
 - **limited to the core activities mandated in City Action Plan (CAP)**
- **Rs 375.44 crores were released to SPCBs during FY 2019-20 and year 2020-21**
 - **For implementation of activities mentioned in CAP of NACs**
 - **SPCBs should transfer the entire allocation to cities immediately after receiving- no parking of funds.**
- **For administrative expenses of AQMC 5% of funds released to cities may be utilized**
 - **SPCBs must map the utilized funds against cities**
- **Since the availability XV-FC grant to 42 MPCs/UAs for year 2020-21 to 2025-26, NACs covered by XV-FC grant will not be considered for allocation of funds from NCAP.**

15th Finance Commission (XV-FC) Guidelines



FINANCE COMMISSION IN COVID TIMES
Report For 2021-26



XV FINANCE COMMISSION

- XV-FC Grant of Rs. 4,400 Cr for improvement of Air Quality in 42 Million-Plus Cities in FY 2020-21
- Further, a provision for grant of Rs.12,139 Cr for augmenting the measures to improve air quality in 42 Million Plus Cities for a period of 2021-22 to 2025-26.
- Grants recommended are performance linked through Million Plus Challenge Fund (MCF).
 - [MoU - A Tripartite Memorandum of Understanding \(MoU\) between MoEF&CC, State Government and concerned ULB will be signed for a year-wise action plan](#)
- In case of UA contain more than one MPC-
 - State Government entrust 1 ULB as the nodal entity to receive the grants
 - Responsibility of Nodal entity for achieving performance indicators for entire UA
 - UAs will grant the funds to its agglomeration in proportion to their population.



Rationale for Evaluation

- **The relative weightage for assessment of city performance on air quality is based on four parameters**
 - A. Strengthening of pollution monitoring mechanism
 - B. Source-wise Cause Analysis for Air pollution
 - C. Progress on Action plans and Compliance of Statutory guidelines
 - D. Quantification and evaluation of Air Quality Improvements
 - Reduction in Air Pollution level (Particulate matter)
 - Frequency of Exceedance in AQI levels
- Performance assessment – April to March (preceding financial year)
- Release of grants for year 2021-22 based on Performance assessment of 2020-21 - 31st August 2021
- City having more than one municipal corporation – to provide grants in proportion to their population (2011 census).

Relative Weightage for Release of Funds

Parameter 2021-	2021-22	2022-23	2023-24	2024-25	2025-26
A. Strengthening of pollution monitoring mechanism	10				
B. Source-wise cause analysis for air pollution	10				
C. Progress on action plans and compliance of statutory guidelines	10				
D. Quantification of air quality improvement	70	100	100	100	100
Total	100	100	100	100	100

Score of the City	Fund allocation to subsequent years (%) 2021-22 onwards
80-100	100
60-80	75
50-60	50
40-50	25
Below 40	Nil

D. Quantification of Air quality Improvements (Base Period Apr 2019- Mar 2020)

As per XV-FC recommendation

D1 - Reduction in Air Pollution level (Particulate matter) - PM₁₀

- Baseline data - PM10 (Annual Average)

S. No.	D1 Reduction range in PM (%)	Improvement
1	15 and above	High
2	<15	Low

D2 – Frequency of Exceedance in AQI levels

- Number of Good Days (< AQI 200- Moderate)

S. No.	D2 Increase in good days (%)	Improvement
1	15 and above	High
2	<15	Low

Performance factor for air quality management

S. No.	Reduction in PM (%)	Increase in good days (%)	Performance factor
1	High	High	100
2	Low	High	75
3	High	Low	50
4	Low	Low	25

State Level Monitoring and Implementation Committee

At the State level, there shall be constituted a Committee under the Chairmanship of Principal Secretary, Environment with members from the following Departments/Agencies/Entities;

Secretary, State Urban Development Department(UDD)

Representative of Central Pollution Control Board (CPCB)

Chairman, State Pollution Control Board (SPCB)

Secretary, State Transport Department

A representative from the State Chamber of Commerce & Industries



- Committee shall make performance assessment of each city
- The State UDD shall function as the Secretariat
- State level Monitoring & Implementation Committee Meetings- 6 Months
- Committee shall forward the recommendations to MoEF for further action
- Based on the recommendations of Committee, MoEF shall recommend the release of MCF to MPCs.

Distribution of undistributed grant

Non achievement of highest improvement slab by cities, 50% undistributed amount shall be distributed as

Cities/UAs with >10% improvement will get 20% of amount

Cities/UAs with >8-10% improvement will get 17.5% of amount

Cities/UAs with 6-8% improvement will get 12.5% of amount

If more than 1 city/UA records improvement

= Divisible sum X
City/UA improvement (% marks) / Sum of all the improvement marks assigned to all the best performing cities

If cities meeting Air quality standards ($60\mu\text{g}/\text{m}^3$) & not qualifying for grants then

MoEF will incentivize such UAs from the undistributed portion (prior to best performing cities)

Role of State Government as per MoU (XV-FC)

Stakeholders	Roles & responsibilities under XV-FC as per DoE guidelines
State Government & Million plus cities	State government shall entrust one urban local body as the nodal entity to receive the grants, in case of more than one UA.
	Register all the recipient cities/UAs in the PFMS only or any other electronic module is in operation shall be integrated with the PFMS to receive grants.
	State government on receipt of grant –in- aid, shall transfer the same to the concerned Million-Plus urban agglomerations/cities within 10 working days through State UDD. Any delay beyond that will require the State Government to release the same with interest as per the effective rate of interest on market borrowings, State Development Loans for the previous year.
	<p>State level Monitoring and implementation committee shall be constituted under the chairmanship of Principal Secretary, Environment with the members from the following Departments/Agencies/Entities.</p> <ol style="list-style-type: none">i. Secretary, State Urban Development Department (UDD)ii. Representative of Central Pollution Control Board (CPCB)iii. Chairman, State Pollution Control Board (SPCB)iv. Secretary, State Transport Department andv. A representative from the State Chamber of Commerce & Industries. <p>The Committee shall make performance assessment of each XV-FC recommended city/UA (within a State) and recommend release of grant to the MoEF&CC by 15th April of every year.</p>
	State UDD shall function as Secretariat and in coordination with State Environment Department will convene meetings of the Committee at least once every 6 months.

Role of UA as per MoU (XV-FC)

City/ UA	1. Cities/UAs shall be governed by the decision of the committee constituted by State Government for , monitoring and implementation of the program for improvement of air quality.
	2. UAs shall submit online progress report on the PRANA website on regular basis.
	3. UAs shall submit documents/records (as per the performance evaluation criteria) to the State Level Monitoring and Implementation Committee for performance assessment to determine eligibility for subsequent installment. CPCB may issue necessary procedural modalities / format for submission of records/documents in this regard, if required.
	4. UAs shall operate and maintain an air quality monitoring cell and a nodal officer shall be identified for coordination of all activities related to air quality improvement.
	5. UAs shall maintain a dedicated link on their website and shall update / report of physical and financial progress, relevant air quality and meteorological data and other aspects for public dissemination.
	6. UAs shall sanction the entire amount received under XV-FC performance grant for implementation of activities for improving the air quality including as identified in city action plan.



Comparing ‘NCAP’ to ‘XV-FC’

- City wise target for air quality improvement
- Funding for non-million cities
- NCAP fund is supplemental fund
- Incentivization upon achieving targets

- 15% reduction in PM levels 15% increase in good days for 42 Million plus cities for air quality improvement
- Sufficient funds to million plus cities
- Performance based funding

Knowledge Support & Capacity Building

- National Knowledge network with Institutions of Repute –Partners with cities/ states (**IITs, NITs, PGI, NEERI etc.**)
- Role:
 - Mentor & guide cities in various studies such as Emission Inventory, Source identification etc.
 - Monitoring and Evaluation
 - To scientifically support various activities in city action plan, Institute of Repute (IoR), - Institutes working or having expertise in air quality management, has been made knowledge partner to each cities through an MoU in March 2021.
- Engage with International agencies (**GIZ, Bloomberg, SDC, AFD, World Bank, UNDP, UNEP etc.**)
 - For International expertise and experiences sharing
 - Scenario prediction studies with associated capacity building works
 - Funding

- A detailed Strategies for Mass Media and public outreach Programme prepared for promoting people's participation and awareness building among citizens about NCAP.
- Initiatives have been taken to collaborate with Kendriya Vidyalaya Sangathan to propagate the concerns and benefits of healthy air quality among Students.
- **Swachh Vayu Diwas** - A specific day every year (7th September) to be celebrated as **Swachh Vayu Diwas**, a program organised in all (Non-attainment) States, with involvement of all stakeholders aiming at garnering mass support for the cause.
- Workshops to Sensitize stakeholders for air quality management

Way Forward

- **Preparation of State Action Plan**
- **Expeditious utilization of the funds.**
- **Convergence of resources and action prioritization.**
- **Regular Meetings at city & State level committees to be convened**
- **Committees structured at various levels will be responsible for execution and implementation of city action plans.**
- **City wise information in digitized robust format to be filled in NCAP Dashboard.**
- **Data Collation & dissemination to public**
- **Replicating the best practices**



Q&A

Thank You



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S. No.	Activities	Letter sent by MoEF&CC on	Deadline
1	Preparation of State Action Plan on initiatives that would help in air quality improvement under NCAP	13 Oct 2021	30 Nov 2021
2	MoU to be signed between MoEF&CC, State Government, and ULB as per the Operational Guidelines issued by DoE, MoF	18 Oct 2021	15 Nov 2021
3	MoU to be signed between CPCB, SPCB/PCC, and ULB as per the Guidelines for release & fund utilisation under NCAP issued by MoEF&CC	30 Sep 2021	25 Nov 2021
4	*Performance assessment of the cities/UAs by State level Monitoring and Implementation committee and recommend release of grant to MoEF&CC	28 Oct 2021	30 November 2021 15 April Every year
5	Performance of 82 Non-attainment cities under NCAP will be considered upto 31 st Oct 2021. Performance assessment by CPCB is to be done by	-	30 Nov 2021
6	Constitution of a State Level Monitoring and Implementation Committee (SLMIC)	18 Oct 2021	10 Nov 2021