

**Annual Action Plan Format for Municipal Corporation****City Profile**

1.	Name of City	Karnal
2.	State	Haryana
3.	Total Municipal Area (sq. km.)	87 sq. km
4.	Total Population of the city (as per latest census / estimate)	3,57,334 (Census 2011)
5.	No. of Industries	3,226
6.	Total number of construction sites	14
7.	Total Road Length within municipal limits (in kms)	252 kms
8.	%age improvement in annual average PM <sub>10</sub> reduction from base year	
9.	Total Fund received from 15 <sup>th</sup> Finance Commission till date and Total Fund Utilized till date	Funds=8217.07 Lac Expenditure=6033.72 lac
10.	%age total utilization till date	73.42 %

**[A] Air Quality**

**1. Air Quality Monitoring station**

S. No.	Monitoring stations	As on 31 <sup>st</sup> Dec. 2025	Optimum/Target number of monitoring stations	Gap	Target to be achieved by MM/YYYY
1.	Total Number of CAAQMS	1	1	0	----
2.	Total Number of manual monitoring stations	2	3	1	12/26

**2. Air Quality Parameters**

S. No.	Air Quality	Annual Average					Target	% Reduction*	NAAQS to be achieved by MM/YYYY
		2021	2022	2023	2024	2025			
1.	Annual Average AQI	133	122	108	102	---	116.25	12.6	
2.	Annual Average PM <sub>2.5</sub> (µg/m <sup>3</sup> )	54.74	67.86	50.37	48.38	108.95 (Nov.)	55.30	1	
3.	Annual Average PM <sub>10</sub> (µg/m <sup>3</sup> )	109.80	144.84	92.29	89.64	180.80 (Nov.)	109.14	0.6	

\*Planned reduction with respect to the average of last five years

## [B] Vehicular Pollution

### 1. Augmentation of City Bus services in major cities (All Municipal Corporations)

#### 1.1 Existing fleet as on 31.05.2025

Total Buses required	No. of Buses available				Gap
	E-Buses	CNG	BS-VI	Sub-Total	
283 (Ordinary)+50(Electric Bus)	5	0	147 (HR)	147	181 (136 HR & 45 HCBSL)

\*Indicate separately No of BS-IV and below buses plying, if any – BS-VI = 6+5=11

#### 1.2 Planned expansion of city bus services based on requirement as per MOHUA guidelines

Gap	Monthly Target (2026)												Expected Status as on 31-12-2026
	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
45	--	--	--	--	--	--	--	--	--	--	--	--	45

#### 1.3 Strengthening of EV charging Infrastructure - City wise No. of EV charging stations / points

No. of EV charge points as on 31.12.2025	Total no. of EV charge points required	Gap	Quarterly Target (2026)				Expected Status as on 31-12-2026
			Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec	
1	9	8	0	0	0	0	09

#### 1.4. Expansion of City wise No. of battery swapping stations

No. of battery charging stations as on 31.12.2025	Total no. of battery swapping stations	Gap	Quarterly Target (2026)				Expected Status as on 31-12-2026
			Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec	
0	0	0	0	0	0	0	0

#### 2. Implementation of city wise Parking Management with smart pricing

##### 2.1. Existing parking facility as on 31.12.2025

Surface parking		Covered (Multilevel)	
No. of Parking lots	Capacity (No. of vehicles parked)	No. of Parking lots	Capacity (No. of vehicles parked)
1 (New Bus Stand Karnal)	100 (For Public)	-	-
4 (Under MC Karnal)	400		

##### 2.2. Future expansion planned

Type of parking facility	No of parking lots required	Quarterly Targets			
		As on 31.03.2026	As on 30.06.2026	As on 30.09.2026	As on 31.12.2026
Surface parking	01 (For electric Bus)	---	---	---	01
Covered (multilevel)	01 (Old Subji Mandi)	Under DPR preparation	---	---	---
	01 (Ramleela Ground)	Under DPR preparation			

## [C] Construction & Demolition (C&D) Activities

### 1. Status of C&D waste generation and processing facilities

Plant Name and location	Total C&D waste generated in the city (in TPD)	No. of secondary waste collection points	Total quantity of C&D waste presently being processed in the plant (TPD)	Gap between waste generation and waste processing (TPD)	Quantity of processed waste sold in private market in the last FY (in MT)	Quantity of processed waste procured by Government Agencies in the last FY (in MT)
Nil	05	0	0	05	--	--

### 2. C&D Waste Processing Plant (to cover C&D waste processing gap)

No. of C&D plants required	Status of Proposed Plants (Under Construction/Tender Stage/Approval Stage/ Planning stage)	Capacity (in MT)	Estimated timeline (Month, Year)	Estimated cost (in INR)	Source(s) of funding (Indicate break-up of funding)
15 TPD Plant village Sirsi	under tender stage	15	Sep 2026	300 Lacs	CPCB+MCK

**Tender Status:** RFP for C&D plant invited on 17.12.2025 and opening on 30.12.2025.

### 3. C&D Processed waste offtake plan

Quantity of processed waste products likely to be generated	Quantity of processed waste products offtake	
	by Govt. Agencies	by Private Agencies

15 TPD	12 TPD (expected)	03 TPD (expected)
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**[D] Dust from Roads and Open Areas**

**1. Road length under jurisdiction**

Right-of-way (ROW)	Length of road (km) As on 31-12-2025	Length of road in good condition (km)	Length of road proposed for redevelopment as per CAQM framework (km)	Estimated cost (Rs. in Cr)	Availability of funds (Rs. in Cr.)
Road with RoW < 10 m (km)	201	190	16.12	8.25	yes
Road with RoW 10-15 m (km)	10.04	7.39	1.65	5.74	yes
Road with RoW 15-30 m (km)	22.30	20.50	1.84	--	yes (KSCL, MC)
Road with RoW 30-45 m (km)	14.8	10.5	4.3	9.00	yes
Road with RoW 45-60 m (km)	--	--	--	--	--
Road with RoW ≥ 60 m (km)	--	--	--	--	--
Total road length (km)	--	--	--	--	--

## 2. Completion timeline for development / redevelopment of urban roads

S. No.	RoW	Length of stretch (km)	Description of Stretch (From.....To)	Carriageway (m)	Brief description of work	Target for completion (2026)			
						Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec
1.	45 m	4.5	Community centre sector 9 to Meerut Road via Udhampur Chowk	22	Construction of road	yes - upto Q1			
2.	18 m	4.4	Internal Roads of Sector-7: From Opp. Police Station Sector-32 & 33 via Gym Club upto Atal Park Corner		DPR under preparation			yes - upto Q3	
3.	45 m	0.8	Amar Hospital Chowk to Sector-6 Market via Shiv Mandir		DPR under preparation			yes - upto Q3	
4.	24 m	2.83	Noor Mahal Chowk to Mahatma Gandhi Chowk via Sector-7 & 8 dividing road		DPR under preparation			yes - upto Q3	
5.	24 m	0.36	Road opp. Sector-7 Market		DPR under preparation			yes - upto Q3	
6.	30 m	0.31	Road opp. Sector-8 Market		DPR under preparation			yes - upto Q3	

7.	25 m	0.76	From Geeta Chowk (NH-44) to Community Centre Sector-9 Chowk		DPR under preparation			yes - upto Q3	
8.	18 m	0.6	From Kunjpura Rd. to Community Centre Sector-9 Chowk		DPR under preparation			yes - upto Q3	
9.	45 m	0.91	Sector - Shiv Mandir to H. No. 1354 and upto 45 Mtr Road		DPR under preparation			yes - upto Q3	
10	18 m	0.85	Dividing road of Sector-6 & 7: From Govt. College Sector-14 to Meerut Road		DPR under preparation			yes - upto Q3	
11	30 m	0.8	Internal roads of Sector-13		DPR under preparation			yes - upto Q3	
12	18 m	1.25	Maharishi Dayanand Saraswati Chowk to Haryana Nursing Home Chowk Sector-13		DPR under preparation			yes - upto Q3	
13	24 m	4.5	Partap Public School Corner to Police Post Sector-6		DPR under preparation			yes - upto Q3	
14	18 m	0.54	Police Post Sector-6 to Outer Bypass via Sector-6 Market		DPR under preparation			yes - upto Q3	

15	18 m	0.6	Parnammi Mandir Chowk to Red Light Chowk Sector-12		DPR under preparation			yes - upto Q3	
16	18 m	0.8	Arora Dairy Model Town via Gurudwara to Hospital		DPR under preparation			yes - upto Q3	
17	8.4 m	0.57	Civil Hospital Chowk to Karan Gate (Kunjpura Road)		DPR under preparation			yes - upto Q3	
18	14 m	0.81	Mall Road to S.D. School Chowk		DPR under preparation			yes - upto Q3	
19	6.35 m	0.3	Prem Plaza to Mall Road (Ahilya Bai Marg)		DPR under preparation			yes - upto Q3	
20	7.8 m	0.65	Vikram Marg to Railway Road		DPR under preparation			yes - upto Q3	
21	4.35 m	0.64	Rest House to Talwar Chowk		DPR under preparation			yes - upto Q3	
22	6.85 m	1.12	Indira Colony Chowk to Govt. Sr. Sec. School Chowk		DPR under preparation			yes - upto Q3	
23	7.4 m	0.57	Minar Road (Saini Bhojnalya to DC Residence)		DPR under preparation			yes - upto Q3	
24	4.65 m	0.5	Ambedkar Chowk to Baldi Bypass via Aggarsain Chowk		DPR under preparation			yes - upto Q3	

25	4.65 m	0.516	Air Strip Nawal to ITI Chowk		DPR under preparation			yes - upto Q3	
26	7.4 m	0.365	Ambedkar Chowk to PWD Rest House Chowk and upto Swami Vivekanand Dawar		DPR under preparation			yes - upto Q3	
27	5.3 m	0.56	Tijandera Park to Nagpal Marble to Govt. Model Sanskriti School Model Town		DPR under preparation			yes - upto Q3	
28	30 m	0.96	ITI Chowk to Aggarsain Chowk		DPR under preparation			yes - upto Q3	
29	25 m	2.5	Hansi Chowk to W.J.C. Bridge		DPR under preparation			yes - upto Q3	
30	24 m	2.65	Kalandari Gate to Nameste Chowk		DPR under preparation			yes - upto Q3	
31	30 m	4.6	Maharana Partap Chowk to G.T. Road Chowk		DPR under preparation			yes - upto Q3	

### 3. GIS mapping of roads and establishment of Road Asset Management System (RAMS)

1.	Whether all roads under jurisdiction is GIS-mapped?	No
2.	Whether road asset management system (RAMS) established?	Consultant has been hired for this work recently and the work is in progress

#### 4. Greening of central verges

Total length of central verges:

S. No.	Parameter	Status as on 31-12-2025	Monthly Target (2026)												Estimated cost (Rs. in Cr)	Availability of funds (Rs. in Cr.)
			Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.		
1.	Length of central verges greened (km)	16														
2.	Length of central verges to be greened (km)	0.5	--	feb	--	--	--	--	--	--	--	--	--	--	10 lac	yes

#### 5. Paving and greening of pathways

Total length of pathways (km):

S. No.	Parameter	Status as on 31-12-2026	Monthly Target (2026)												Estimated cost (Rs. in Cr)	Availability of funds (Rs. in Cr.)
			Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.		
1.	Length of pathways paved (km)	35 km														
2.	Length of pathways greened (km)	--														
3.	Length of pathways to be paved (km)	8 km					may								2.5 cr	yes
4.	Length of pathways to be greened (km)															

#### 6. Assessment of roads for mechanical sweeping

S. No.	Right-of-way (ROW)	As on 31-12-2025
1.	Total road (RoW > 60 feet) length suitable for large-size MRSM (km)	1.182

2.	Total road (RoW 20-60 feet) length suitable for medium-size MRSM (km)	72 km
3.	Total road (RoW < 20 feet) length suitable for small-size MRSM / handheld vacuum machines (km)	survey required

#### 7. Mechanical road sweeping machines (MRSMs)

S. No.	MRSM	Required	Available	GAP	Estimated Cost to fill the GAP (Rs. in Cr)	Availability of funds (Rs. in Cr.)
1.	Large-size MRSMs	0	2 (1 operational + 1 just inducted )	0	--	--
2.	Medium-size MRSMs	--	--	--	--	--
3.	Small-size MRSM / Handheld vacuum machines	2	0	2	0.90	yes, 0.90 Cr. (from CPCB)

#### 8. If GAP in MRSMs, deployment plan for MRSMs

S. No.	Parameter	Whether procurement is under OPEX / CAPEX model?	Tender approval date	Tender open date	Tender close date	Target date for issuance of work order	Supply timeline	Estimated cost (Rs. in Cr)
1.	Large-size MRSMs							
2.	Medium-size MRSMs							

3.	Small-size MRSMS / Handheld vacuum machines	2 (capex)	yet to be invited	--	--	--	--	--	--
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**9. Disposal of road dust**

1.	Whether dust collected is scientifically disposed?	Yes
2.	If yes, list the name of designated sites / landfills	Sector-32 land fills

**10. Water Sprinklers (WS)**

Required	Available	GAP	Estimated Cost to fill the GAP (Rs. in Cr)	Availability of funds (Rs. in Cr.)
3	2	1	0.12	MC Fund

**11. Anti-Smog-Guns (ASGs)**

S. No.	Anti-Smog-Guns (ASGs)	Required	Available	GAP	Estimated Cost to fill the GAP (Rs. in Cr)	Availability of funds (Rs. in Cr.)
1.	Static	1	0	1 (tender invited)	--	yes from CPCB
2.	Mobile	1	0	1 (tender invited)	--	yes from CPCB

**Tender Status:** Financial Opened on dt. 26.12.2025

**12. Road to be made dust free (List to be submitted separately)**

S. No.	Parameter	Target for Year 2026	Monthly Target (2026)											
			Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1.	Nos. of roads	2												
2.	Stretch (km) of road	3					may							

**13. Training programs for staff engaged in road dust control measures (Photos to be submitted separately)**

S. No.	Parameter	Target for Year 2026	Target (2026)			
			Q1		Q2	
			Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
1.	Nos. of training programme to be conducted	8	2	3	1	2

## [E] MSW Management

### 1. Action plan for processing of legacy waste at dumpsite/ SLF

S. No.	Name of SLF /Dumpsite	Amount of waste (Fresh+ legacy) at dumpsite as on 31st Dec 2025 (LMT)	Monthly Liquidation Target (LMT)												Expected amount of waste (Fresh+ legacy) at dumpsite as on 31st Dec 2026 (LMT)	Complete liquidation timeline by MM/YYYY
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1.	Seikhpura plant meerut road	183750 tonnes	306 25	306 25	306 25	306 25	306 25	306 25	0	0	0	0	0	0	0 (fresh waste coming on the site approx. 235 TPD and daily complete processing of waste is being done)	Tender already called. Tender under rate approval (Legacy waste will be processed upto 30 June 2026).

### 2. Augmentation of waste processing facilities

S. No.	Waste generated (TPD)	Capacity to process waste (TPD)	GAP in processing waste (TPD)	Quarterly targets for capacity augmentation to fill the GAP (TPD)				Completion by MM/ YYYY
				Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec	

1.	235 TPD	600 TPD	0	0	0	0	0	daily complete processing of waste is being done
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**[F] DG Sets**

Targeted number of inspection to be done by SPCBs	Monthly Target (2026)											
	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	15	15	15	15	15	15	15	15	15	15	15	15

**[G] IEC Activities**

S. No.	Action point	Concerned Department / Agencies	Target of activities (2026)			
			Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec
1.	Conducting awareness drives / workshops and engagement activities to enhance Citizen responsibility via concerned agencies in NCR by including Urban Local Bodies, RWAs, Schools, Colleges, Educational Institutions etc.	MC	30	30	35	30
2.	Conducting awareness workshops / sessions with various Farmers' Associations for efficient <i>in-situ</i> and <i>ex-situ</i> utilization of paddle stubble via concerned agencies in NCR and Adjoining Areas.	MC, Agriculture	8	10	10	10
3.	Outdoor activities like Walkshops, streets (re)development layout activities via concerned agencies for sensitization towards unpaved road and streets.	MC	2	1	1	2