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**INVEST
MADHYA
PRADESH**

GLOBAL INVESTORS SUMMIT

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Urban Development & Housing

MADHYA PRADESH THE FUTURE READY STATE



Overview of Global Scenario

55%

Worlds Population
Living in cities
in 2018

1.5 Million

Addition in Urban
Population per week

USD 78 Trillion

Infrastructure Spending
over next 10 years to
sustain the URBAN
Population Growth



68%

Worlds Populations
living in cities
by 2050

2.5 Billion

Population to be added
in cities by 2050

80%

Of Global GDP
Generated in
Cities in 2018 by urban

Source: Statista: shorturl.at/uJQV2



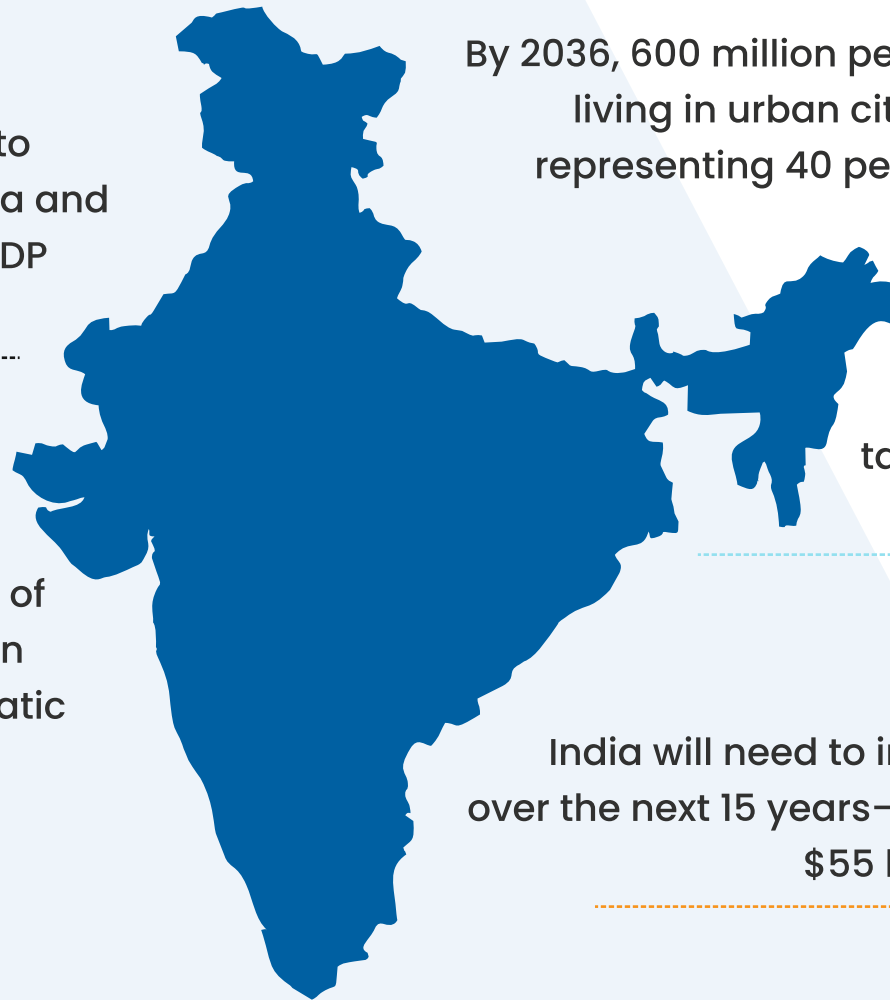
Overview of Indian Scenario

01

Urban areas account to 3% of total area in India and contribute to 60% of GDP – engines of growth

02

With an average growth of 7% in GDP, India has been fastest growing democratic economy in the world.



03

By 2036, 600 million people will be living in urban cities in India, representing 40 percent of the population.

04

More than 80% of the tax revenue is generated by the cities

05

India will need to invest \$840 billion over the next 15 years—or an average of \$55 billion per annum

Source: Source: <http://mohua.gov.in/index.php>, http://mehua.gov.in/cms/urban_reforms.php

India's Urban Infrastructure Needs to Cross \$840 Billion Over Next 15 Years: New World Bank Report

Swachh Bharat Mission

Swachh Survekshan

Digital Innovations

Standardized Protocols

Digital Innovations

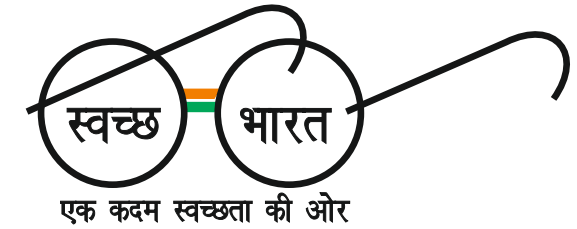


Individual Housing Latrine	Community & Public Toilet	Open Defecation Free	D2D Garbage Collection (Wards)	Waste	Garbage Free Star Rating (Cities)
Constructed 62.79 Lac	Constructed 6,26,350	4,325 Citites ODF 3,447 Cities ODF+	Collection 88,303	Generated (TPD) 149.18k+	1 ★★★★★★ 7 Star Rating 11 ★★★★★ 5 Star Rating
Mission Target 58.99 Lacs	Mission Target 5,07,587	1,062 Cities ODF++ 14 Cities Water+	Segregation 80,327	Processed (TPD) 110.56K+	199 ★★★ 3 Star Rating 234 ★ 1 Star Rating

Source: <http://umanities.youcantant.com/Annual-Report-2018-19>, Ministry of Housing and Urban Affairs <https://sbmurban.org/>, SBM-PhaseII Dashboard,



Smart City Mission



The Smart Cities Mission is an initiative to drive economic growth and improve the quality of life of people by enabling local development and harnessing technology

\$ 23.45 Billion

Total Area Based
Development Cost

\$ 14.29 Million

Total Cost of Projects
Per City Per year

\$ 5.56 Billion

Total Pan City
Solution Cost

100

Total Winning
Proposals

**78 Cities /
Rs 8,808Cr**

Integrated Command
and Control Center (ICCC)

**721 Projects /
Rs 22,833 Cr**

Total Cost of Projects
Per City Per year

**531 Projects/
Rs 38,447 Cr**

Total Pan City
Solution Cost

**226 Projects /
Rs 21,909 Cr**

Total Winning
Proposals

Atal mission for rejuvenation and urban transformation - amrut

- ▶ Five hundred cities have been selected under AMRUT. The category of cities that have been selected under AMRUT is given below

- ▶ All Cities and Towns with a population of over one lakh with notified Municipalities as per Census 2011, including Cantonment Boards (Civilian areas)

- ▶ All Capital Cities/Towns of States/ UTs, not covered in above

- ▶ All Cities/Towns classified as Heritage Cities by MoHUA under the HRIDAY Scheme

- ▶ Thirteen Cities and Towns on the stem of the main rivers with a population above 75,000 and less than 1 lakh

- ▶ Ten Cities from hill states, islands and tourist destinations (not more than one from each State)

5,866,237

Water Tap Connections

3,749,467

Sewage Connections

2,311

Parks Developed

6,278,571

Street Lights replaced with LEDs



Pradhan Mantri Awas Yojana- Urban

Pradhan Mantri Awas Yojana – Urban

The Mission has been implemented during 2015–2022 and have provided central assistance to Urban Local Bodies (ULBS) and other implementing agencies through States/UTs for

01 In-situ Rehabilitation of existing slum dwellers using land as a resource through private participation

02 Credit Linked Subsidy

03 Affordable Housing in Partnership

04 Subsidy for Beneficiary-led individual house construction/enhancement.

2.03 Lakh Cr.

Central Assistance Approved

106.01 Lakh

Houses Grounded

64.6 Lakh

Houses Completed/Delivered

16 Lakh

Houses With New Technologies

129597 Cr.

Central Assistance Released

8.31 Lakh Cr.

Total Investment

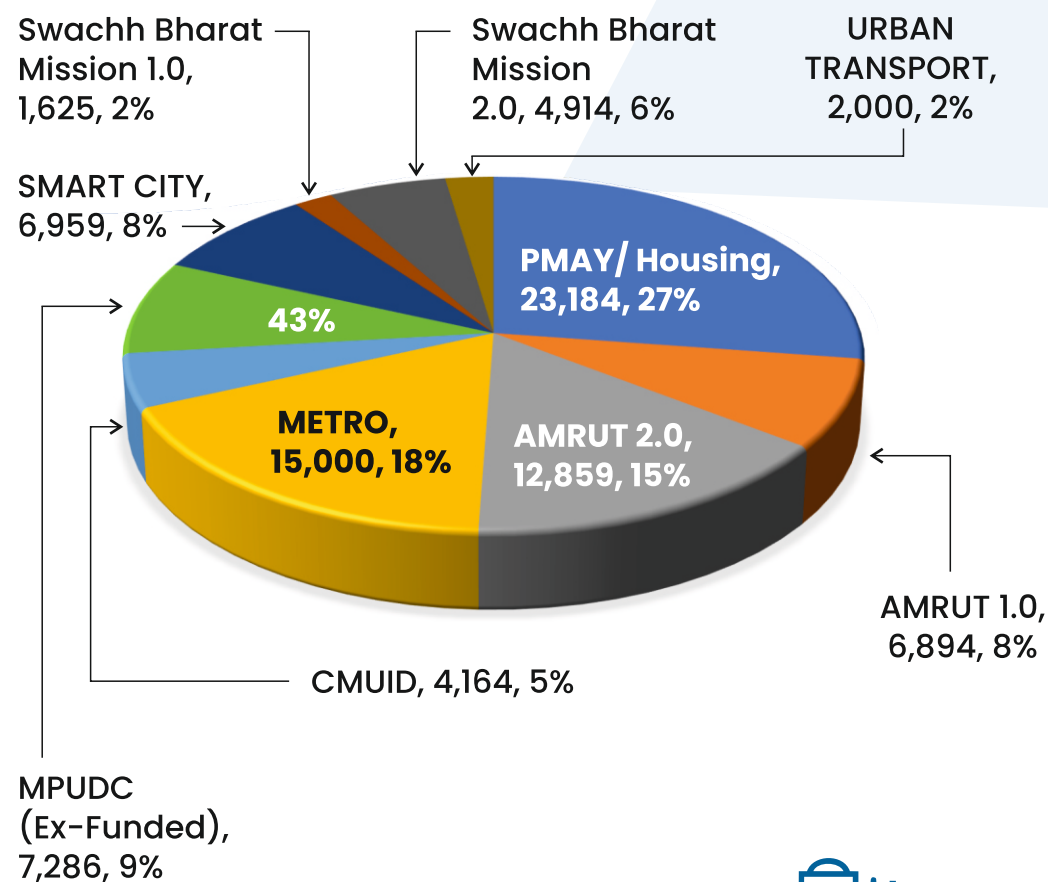
<https://pmaymis.gov.in/>, <http://dashboard.mohua.gov.in/>

<https://pmay-urban.gov.in/about>

Madhya Pradesh: Urban Sector Outlay

Sectors/ Program	Investment Size/ Financial Outlay (in Cr.)
PMAY/ Housing	23,184
AMRUT 1.0	6,894
AMRUT 2.0	12,859
METRO	15,000
CMUID	4,164
MPUDC (Ex- Funded)	7,286
SMART CITY	6,959
Swachh Bharat Mission 1.0	1,625
Swachh Bharat Mission 2.0	4,914
URBAN TRANSPORT	2,000
Total	84,885

MP Urban Sector-Financial Outlay



Madhya Pradesh : Swacch Bharat Mission

SBM Budget Allocation details

Component	Allocation (In Cr.)
SBM-U (GoI+GoMP) ▶	1841.54
SBM-U 2.0 (GoI+GoMP) ▶	4913.74

	Total (In Cr.)
Toilet Construction	187.21
Used Water Management	2459.00
Solid Waste Management	1786.70
IEC & PA	320.00
CB,A & OE	160.83
Total	4913.74

- ▶ Madhya Pradesh ranked as Cleanest State in > 100 ULB Category
- ▶ Indore ranked as Cleanest City for sixth consecutive year and India's first 7-star Garbage Free City.
- ▶ Bhopal ranked in 5 Star Garbage Free Certification.
- ▶ In SS2022, Total 324 ULBs have been certified as ODF++ and 6 ODF+ 38 ODF and 2 ULBs i.e. Indore and Bhopal Water+.
- ▶ India's largest Bio-CNG plant that will run on the principle of waste to wealth, can produce 17,000 tones of biogas in a day from 550 tones of organic household waste.

Centrally Sponsored Schemes in Madhya Pradesh



MP METRO RAIL CORPORATION LTD

- ▶ Two corridors of Bhopal, with total length of 27.87 km and estimated cost of INR 6941.40 Cr have been approved.
- ▶ The ring line for Indore, with total length of 31.55 km and estimated cost of INR 7500.80 Cr has been approved.



PRADHAN MANTRI AWAS YOJANA- HOUSING FOR ALL

- ▶ 9 Lakh is the estimated housing demand.
- ▶ A total of 9,26,959 (BLC- 7,25,590, AHP- 59,323 & CLSS-1,42,046) housing units at a cost of 45,000 Crore have been approved for these projects.
- ▶ Under the Mission, 8% of the total sanctioned houses in the country are sanctioned in Madhya Pradesh.



Centrally Sponsored Schemes in Madhya Pradesh

Atal Mission for Rejuvenation and Urban Transformation – AMRUT

▶ AMRUT 1.0

Total Allocation Amrut 1.0 : INR 6686.97 Cr.

29 out of 32 water supply, 12 out of 24 Sewerage & Septage management, 20 out of 23 Drainage, 6 out of 21 Urban Transport, & 105 out of 111 Parks projects of cost 3612.15 Cr. is Completed.

3 out of 32 water supply, 14 out of 24 Sewerage & Septage management, 3 out of 23 Drainage, 15 out of 21 Urban Transport, & 6 out of 111 Parks projects of cost 3025.33 Cr. is in progress.

▶ AMRUT 2.0

Total Allocation of Amrut 2.0 for Madhya Pradesh is 12858.71 Cr

418 water supply , 36 Sewerage ,430 Water body rejuvenation , 390 Parks sanctioned at cost of 11786.83 Cr.

86 DPR's worth 1082.53 Cr are approved by SLTC



Centrally Sponsored Schemes in Madhya Pradesh

Smart City Budget provisions

- ▶ MoHUA has planned to release the INR 1000 Cr funding to all Smart Cities by June 2023 based on their fund utilization
- ▶ **National Urban Digital Mission Scheme** planned to be launched in the top performing States with a vision to strengthen ICCCs and e-governance services.
- ▶ **183 projects** are under implementation stage worth **2918 Cr.**



MADHYA PRADESH HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD

- ▶ Out of the 342 acres ABD area, 111 acres (42 Plots) of saleable land with estimated base price 1590 Cr. is estimated for ABD projects
- ▶ 654 Cr. Tendered (11 Plots) , 428 Cr. Awarded (6 Plots)
- ▶ 190 Cr. Realized ,238 Cr. Yet to be Realized
- ▶ 177 Cr Under Tendering (4Plots)

INDORE SMART CITY ABD LAND MONETIZATION

- ▶ Tendering Process for 03 Blocks (1.34 acres) out of 11 Blocks of MOG lines Parcel (nearly 19 acres) is in progress with an offset price of Rs. 80.71 Cr
- ▶ Tender for remaining 08 Blocks is planned in next month.



Public Assets Management System

- ▶ Prepare policy guidelines/directives on rational use of public assets and ensure compliance by concerned departments.
- ▶ Create and maintain State Assets Register using IT and GIS.
- ▶ Rationalization of state assets and ensure optimum utilization through inter-departmental consultation and coordination.
- ▶ Disinvestment of State PSUs
- ▶ Generate revenue for the state through monetization of unused assets.
- ▶ Provide advisory services to other departments on PPP projects.
- ▶ Develop in-house capacity to explore, identify, design and execute asset monetization opportunities.

Impacts

57 assets have been monetized resulting in revenue receipts of Rs 414 Cr. against the awarded amount of Rs. 670 Cr. so far.

Rs. 46 Cr has been received (FY 2021-22) under the scheme for special assistance to states for capital investments.

Reassignment of 62 assets from one department to other departments for urban local bodies use, industrial area, green spaces park, bus stand and wayside development.

Source: MP Public Asset Management Department.



Madhya Pradesh State Specific Initiatives

CM INFRASTRUCTURE

- ▶ Infrastructure development in cities
- ▶ Phase-I: 1428 Cr, Phase -II: 1800Cr. & Phase III: 536 Cr, Additional 400 Cr for Road Improvement Program and Phase-IV Proposed for 1700 Cr, Total 4164 Cr.
- ▶ Under the scheme, 396 projects in 392 urban bodies, costing Rs. 443.25 crore has been approved.

EXTERNALLY AIDED (WATER & SEWERAGE) PROJECT

- ▶ Madhya Pradesh Urban Development Company Limited (MPUDC) is the implementing agency for externally aided projects in urban water sector like ADB, KfW, World Bank.
- ▶ World Bank Assisted MPUDP – Project cost is about USD 153 million. Work is being done on sewerage projects in 7 Urban Local Body (ULB) and water supply projects in 3 urban local bodies.
- ▶ Asian Development Bank assisted Madhya Pradesh Urban Services Upgradation Project (MPUSIP) at a project cost of USD 669 million executed in Phase-I and AF.
- ▶ Kreditanstalt für Wiederaufbau (KfW) bank is assisting Madhya Pradesh Urban Sanitation and Environment Program (MPUSEP)- Project Cost Euro 75 million.



Madhya Pradesh State Specific Initiatives

INTRASTATE, INTERCITY, INTRACITY TRANSPORT SYSTEM

- ▶ 20 Transport Special Purpose Vehicles (SPVs) formulated under AMRUT Scheme.
- ▶ Amount of Rs. 258 Cr. allocated for operation of Intra & Intercity buses in 20 SPVs.
- ▶ At present 1395 (414 - Intercity & 981- Intra city) buses are under operation in 15 transport SPVs.
- ▶ Additional 950 buses (867-Intra city & 83-Intercity) are proposed to be procured for both Intra-city & Intercity routes by urban Local bodies of the state.
- ▶ Dedicated Urban Transport Fund (DUTF) for cities formulated to make transport SPVs self sustaining.

INITIATIVE OF DEVELOPMENT REGULATION & INCETIVES (T&CP AND DEVELOPMENT AUTHORITY)

- ▶ TOD policy has been implemented in the state and TDR rules have been made effective in M.P.
- ▶ Transferable Development Rights Rules, 2018, there is a provision to give transferable development rights to the holder (land owner) through Development Rights Certificate (DRC).
- ▶ The administration is also working on creating zones to allow TDR holders to use or charge money, as decided by government, to transfer right to build more floor area than base floor area ratio (FAR) to developers.
- ▶ TDR benefits have been proposed for property owners of roads proposed to be developed under Indore development scheme (master plan) 2021. It includes the roads, MR3, MR5, MR9 and Mr11

Madhya Pradesh State Specific Initiatives

MADHYA PRADESH HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD

Under the MP Re-densification Policy, MPHIDB is currently handling USD 300 million worth of projects.

ADB assisted 10 Mega ITI worth USD 40 Mn

Housing Projects (Ongoing & Proposed) – USD 200 Mn.

ENERGY SAVING INITIATIVES FOR ALL URBAN LOCAL BODIES (ULBs)

- ▶ There are approx. 10 Lakh street lights in Madhya Pradesh.
- ▶ 4.5 Lakh Conventional street lights has been replaced with energy efficient street lights
- ▶ Retrofitting/Replacement of remaining 5.5 Lakh fittings to be done by ULB's on EPC/PPP mode

▶ E-VEHICLE POLICY AND INITIATIVES

- ▶ Under Faster Adoption and Manufacturing of Electric and Hybrid Vehicles (FAME- I) Scheme, 40 electric buses are under operation in Indore.
- ▶ 80 Electric Buses are proposed to be operated in Indore city under AMRUT Scheme.
- ▶ Under FAME-II scheme, 217 electric chargers will be established in Bhopal, Indore and Jabalpur cities.

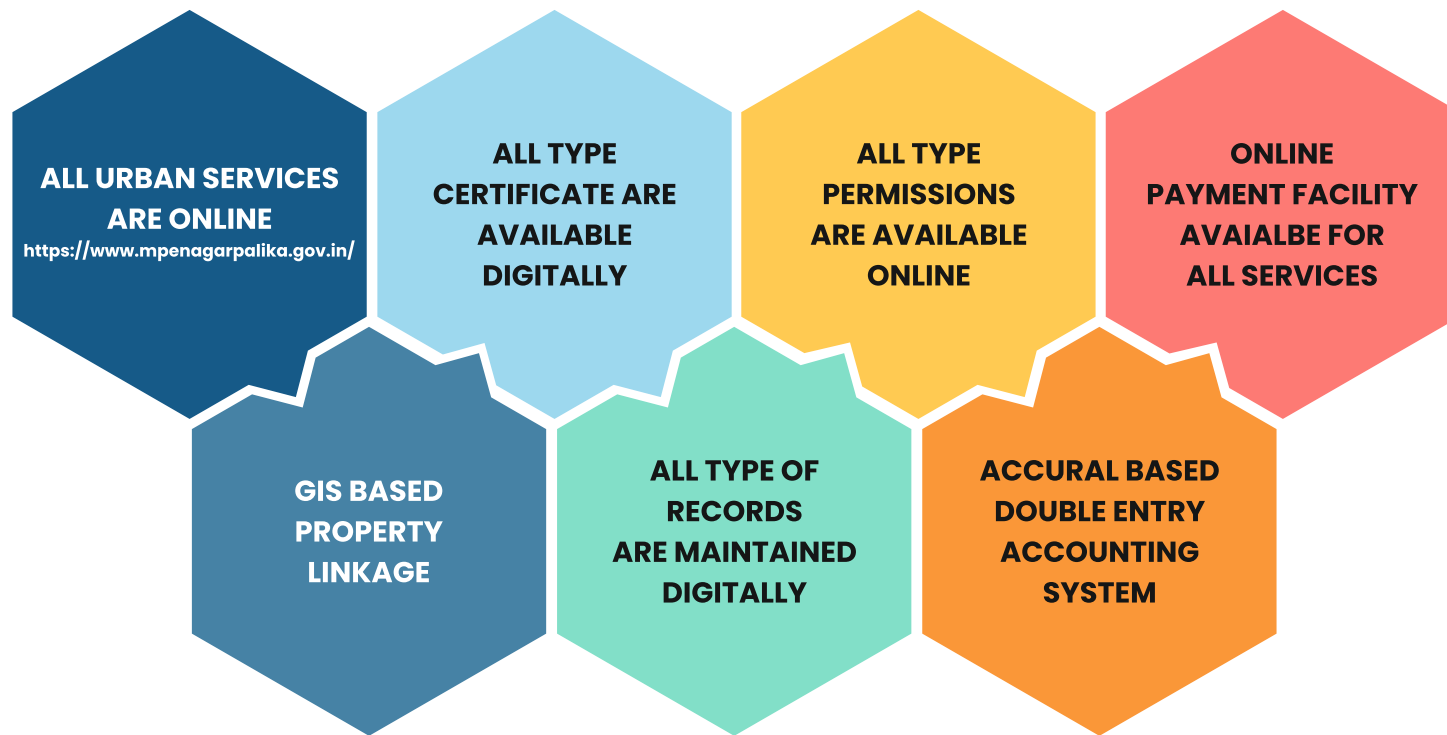


Madhya Pradesh State Specific Initiatives

RE-DENSIFICATION POLICY OF GOVT OF MP (MP HOUSING DEVELOPEMENT BOARD)

- ▶ GoMP Re-densification Policy has paved way for construction of New, Modern and Essential Government facilities/ Infrastructures in a planned manner at various locations of State by engaging Developers through PPP mode.
- ▶ Re-densification Projects acting as a win-win business model both for the Govt. of Madhya Pradesh as well as the Developers.
- ▶ 5 Re-densification Projects worth \$17m completed, 24 Projects worth \$138.36m are under construction and 20 Projects worth \$145.18m have been approved.
- ▶ Average bid values received so far : 37% higher than the reserve price of the CLPs including a maximum bid of 150% above reserve price
- ▶ Under the MP Re-densification Policy, MP Housing & Infrastructure Board is currently handling USD 300 million worth of projects. ADB assisted 10 Mega ITI worth USD 40 Mn. Housing Projects (Ongoing & Proposed) - USD 200 Mn.

Digital Platform Enablement : e-Governance in 413 Urban Local Bodies



Urban Reform Heads

- ▶ Property Tax
 - ▶ GIS based mapping
- ▶ User Charges
 - ▶ Improvisation in tax collection
- ▶ Development of Colonies
 - ▶ Rules and Regulations
- ▶ Compounding of Unauthorized Constructions



Achievements

Swachh Bharat Mission

- ▶ Madhya Pradesh ranked as Cleanest State in > 100 ULB Category
- ▶ Indore ranked as Cleanest City for sixth consecutive year and India's first 7 star Garbage Free City.
- ▶ In Swachh Survekshan-2022, Indore became the first certified city with 7 star rating
- ▶ Bhopal ranked in 5 Star Garbage Free Certification.
- ▶ The state has received 16 national awards in the Swachh Survekshan-2022.

Smart City Mission

- ▶ Current GMIS Ranking for Bhopal is " 2st " & Indore is 6th
- ▶ During India Smart City Awards 2021 the State has won 5 Awards.
- ▶ Smart City Digital Payment Awards 2018: Ujjain and Bhopal Smart City has won 4 out of 9 awards in Digital Payment Awards organized by MoHUA GoI.

Atal Mission for Rejuvenation and Urban Transformation

- ▶ Currently ranking 3rd in India

Achievements

Pradhan Mantri Aawas Yojna

Madhya Pradesh has achieved # 2nd in the country under the 'Best Performing State in 2022

National Urban Livelihood Mission

Currently ranking #2nd in India

Ease of Living Index

Indore #9, Bhopal #19th Rank in India

Municipal Bond

Indore and Bhopal amongst five Indian cities that have issued Municipal Bonds.

Municipal Performance Index

Indore got the first position in the country and Bhopal stood third among the cities with more than 10 lakh population.



Smart Cities Mission

Ministry of Housing and Urban Affairs

India Smart Cities Awards Contest 2020

No.	City	CATEGORY	PROJECT	Rank
01.	Indore	Build Environment	Chappan Dukan	1st Rank
02.	Indore	Sanitation	Municipal Waste Management System	1st Rank
03.	Indore	Culture	Heritage Conservation	1st Rank
04.	Indore	Economy	Carbon Credit Financing Mechanism	1st Rank
05.	Indore	Innovative Ideas	Carbon Credit Financing Mechanism	1st Rank
06.	Gwalior	Culture	Digital Museum	3rd Rank
07.	Indore	Overall winner	Round-1 Cities	1st Rank
08.	Jabalpur	Overall winner	Round-1 Cities	3rd Rank
09.	Sagar	Overall winner	Round-3 Cities	2nd Rank

Opportunities in Urban Sector

LED

LED: Energy efficient
LED manufacturing



E Vehicle: Manufacturing
and Charging infrastructure



Solid Waste Management: Waste
to Energy; Waste to Compost



Smart Cities; Technologies and
solutions for smart sustainable
cities and integrated townships



Construction: Development of Residential,
Retail, Commercial and Hospitality Sectors



Urban Water Supply, Sewerage, and
Sewage Treatment



Housing for all: Technologies
for promotion of low-cost and
affordable housing



Transportation: Building Metro
rails, Monorails, BRTS



Green building solutions: Sustainable and
environment friendly building material



Training and skill development of
construction workers



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