



# 1 YEAR of TRANSFORMING URBAN LANDSCAPE

(May 2019 - May 2020)



**Ministry of Housing and Urban Affairs**  
Government of India





Subhash Udyan, Ajmer



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# APPROACH



Urban Missions designed and launched after detailed consultation with various stakeholders, including State and City Governments



Focus on targeted outcomes and better resource utilization



Decentralization of project formulation, appraisal and approval - empowering State/UT Governments and cities



Promoting healthy competitive spirit among cities and States like Smart Cities selection and Swachh Survekshan, thereby strengthening competitive and cooperative federalism



Extensive citizen engagement and public outreach in all missions, especially reflected in Swachh Bharat Mission, which has now become a Jan Andolan, i.e, people's movement



# APPROACH



**Inclusive approach focusing on empowerment in providing livelihoods and basic amenities**



**Periodic review and State level monitoring of missions to ensure adherence to timelines of projects**



**Adoption of Public Private Partnership (PPP) in various missions to give a fillip to investment and create avenues for private sector participation**



**Incentivizing and encouraging Urban Local Bodies (ULBs) to become self-sufficient and mobilize resources for attaining viability through instruments like Municipal Bonds etc**

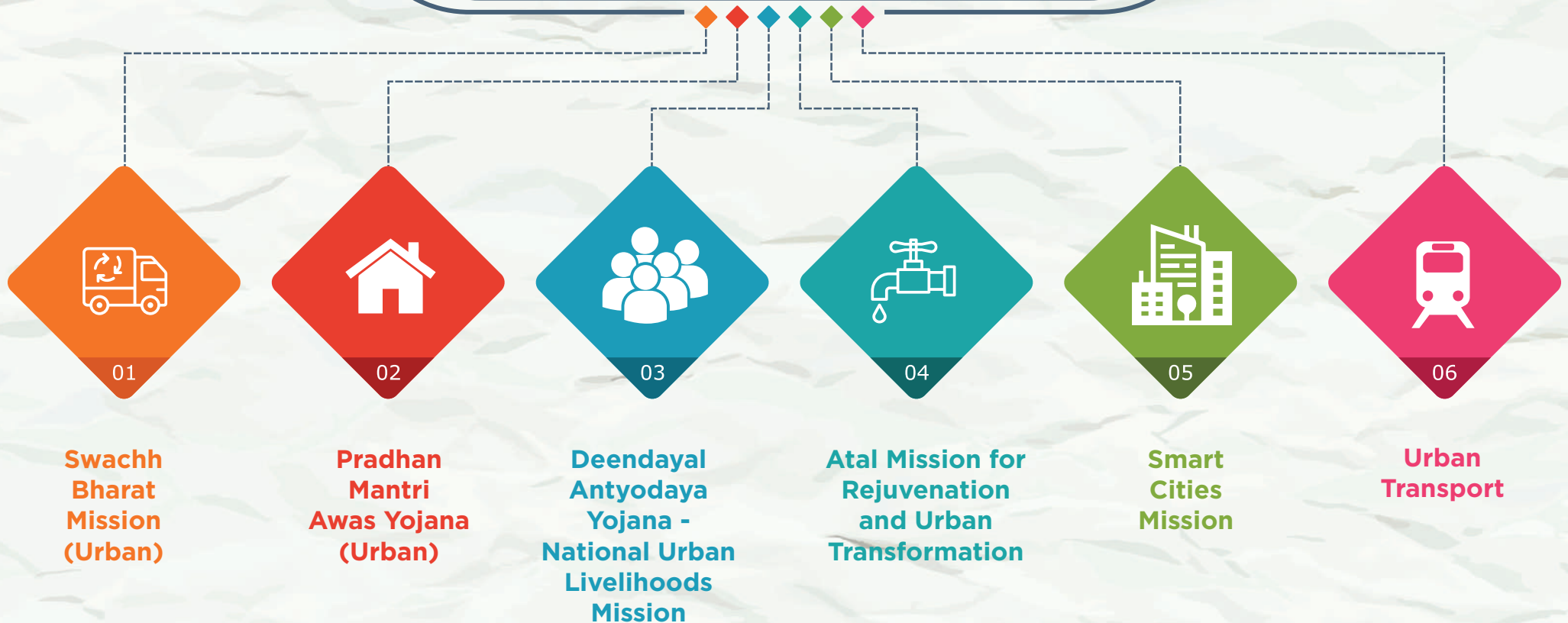


**Emphasis on improving urban governance for better service delivery, transparency and accountability**





## TRANSFORMING URBAN LANDSCAPE





# IMPLEMENTATION STRATEGY

The Ministry of Housing and Urban Affairs has a three-level strategy to take advantage of the opportunities presented by our cities



Finally at the third level, **100 cities** are being developed under **Smart Cities Mission (SCM)** to address the issue of ease of living by evolving new paradigms of urban governance with communities at the core and increased use of digital technology to improve the urban infrastructure, services and utilisation of resources.

At the second level, basic infrastructure like **water supply, sewerage/septage projects and green parks** are the focus. These are being implemented in **500 cities**, with 1,00,000 and above population through **Atal Mission for Rejuvenation and Urban Transformation (AMRUT)**. This covers over 60% of urban population.

At the first level, **poverty alleviation, affordable housing and sanitation** are the three biggest challenges. **Deendayal Antyodaya Yojana-National Urban Livelihoods Mission (DAY-NULM), Pradhan Mantri Awas Yojana - Urban (PMAY-U) and Swachh Bharat Mission-Urban (SBM-U)** are implemented in all the Urban Local Bodies (ULBs).



# ACHIEVEMENTS AT A GLANCE

(May 2019 - May 2020)

- 40 km of new metro rail lines commissioned
- Standards for Light Urban Rail Transit System named 'Metrolite' issued

- 12 states declared Open Defecation Free (ODF)
- 929 cities certified ODF+
- 322 cities certified ODF++
- 4.6 lakh Individual Household Toilets constructed
- 1.14 lakh Community/Public Toilets constructed
- 5,434 wards with 100% door to door waste collection

- 94 cities included in the Mission
- 23.91 lakh houses sanctioned
- 18.44 lakh houses grounded
- 8.2 lakh houses completed
- ₹1.49 lakh crore investment approved



## Urban Transport

## Smart Cities Mission

## Atal Mission for Rejuvenation and Urban Transformation

## Deendayal Antyodaya Yojana - National Urban Livelihoods Mission

## Pradhan Mantri Awas Yojana (Urban)

## Swachh Bharat Mission (Urban)

- Projects worth over ₹32,000 crores tendered
- Projects amounting to around ₹36,000 crore under implementation
- Projects worth more than ₹12,000 completed
- Over 30 Smart Command and Control Centres operationalized

- 30 lakh water tap connections provided
- 15 lakh sewerage and septage connections provided
- 300 MLD of wastewater treatment capacity created
- 298 green spaces and parks developed
- 15 lakh street lights replaced with LED lights

- 88,326 SHGs formed
- 76,892 SHGs helped with Revolving Fund
- 1,27,476 candidates skill trained
- 92,191 beneficiaries assisted with loans





**“ The success of the Swachh Bharat Mission is not mine, I don't claim this success, it belongs to the people.**

**The dream of Swachhata cannot be achieved even if 100 Mahatma Gandhis or 1000 Narendra Modis come together, but if 125 crore Indians come together that dream can easily be fulfilled. ”**

**Narendra Modi**, Prime Minister







## Swachh Bharat Mission - Urban (SBM-U)

The Mission was launched on 2 October 2014 for a 5-year period with the objective of achieving 100% open defecation free (ODF) status and 100% solid waste management in all Urban Local Bodies (ULBs).



# ACHIEVEMENTS

(One year and cumulative since May 2014)

## Open Defecation Free



**12 states**  
(2019-2020)  
**35 States/  
UTs**  
(Cumulative)

**929 cities**  
certified ODF+  
(2019-2020)  
**1306 cities**  
certified ODF+  
(Cumulative)

**322 cities**  
certified ODF++  
(2019-2020)  
**489 cities**  
certified ODF++  
(Cumulative)

## Individual Household Toilets Constructed



## Community/Public Toilets Seats Constructed



## 100% Door-to-door collection



## Waste processing



## 100% Source Segregation



## SBM Toilets on Google Maps



# SPECIAL INITIATIVES



## Swachh Survekshan 2020 covered 4,242 cities.

Swachh Survekshan League was introduced to ensure continuous assessments. There was a quantum leap in citizens' participation in 2020, with 1.90 crore citizens providing their feedback as compared to 0.64 crore in SS 2019.

Swachhata Hi Seva campaign (focusing on single-use plastic waste) witnessed a participation of over 7 crore citizens with over 1,50,000 events held across the country and over 13,000 MT plastic waste collected.



As of March 2020, 6 cities are certified as 5-star cities, 65 cities as 3-star cities and 79 cities as 1-star cities.

A 'Swachhata' app has been launched for any complaints from citizens related to cleanliness. More than 1.55 crore citizens have downloaded the Swachhata app, a grievance redressal platform and nearly 1.79 crore complaints have been resolved (93% resolution rate).

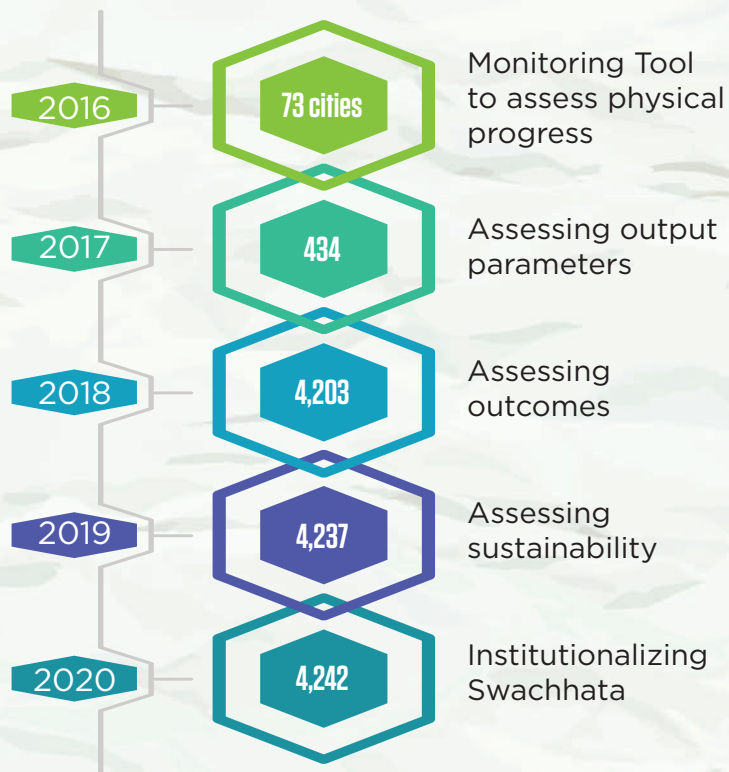


A Swachh Nagar Collection & Transportation app has been developed by MoHUA for tracking segregated collection and transportation of all waste streams, up to their disposal. Till date, 263 cities are registered on the Swachh Nagar portal.



# SWACHH SURVEKSHAN 2020

*World's Largest Cleanliness Survey  
for Urban India*



## *Highlights of Swachh Survekshan 2020*



# A JAN ANDOLAN

*Swachhata Hi Seva 2019 with a focus on curbing the use of single-use plastic*

**7 crore+**

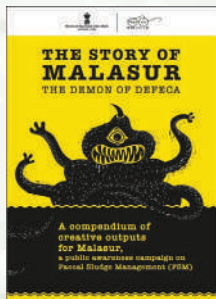
citizens participated

**1,50,000+**

events held across the country

**13,000 MT+**

plastic waste collected



**Malasur** - The Demon of Defeca, a communication campaign on faecal sludge management

## Best Practices

- Indore Municipal Corporation has deployed drones to sanitize the congested areas and can cover up to 2,00,000 square meter area/day and can reach a height of 200 feet.
- Ghaziabad Municipal Corporation has mounted mobile handwashing facilities on rickshaws especially for frontline workers who are providing citizens with essential services.



**Hum Samaan toh Bharat Mahaan** - campaign to commemorate International Women's Day

## Digital Initiatives:

- Swachh Nagar Collection and Transportation App launched to provide integrated waste management solutions to ULBs and citizens. 263 cities are registered on the Swachh Nagar portal, till date.
- AI enabled mSBM App launched to help detect the beneficiary face and toilet seat in the photo uploaded using Artificial Intelligence thus facilitating the applicants of Individual Household Toilets know the status of their application in real-time.

## Special Initiatives to Manage COVID19

- MoHUA repurposed Swachhata App enabling citizens to get their COVID-related complaints redressed by their respective ULBs. Since 1st April 2020, a total of 1.15 lakh complaints have been posted with a resolution rate of 82%
- Advisories on safe disposal of waste from quarantined households, cleanliness protocols for public places and safety of sanitation workers issued.
- Extensive social media campaign on IndiaFightsCorona carried out



# SUCCESS STORIES

A glimpse



## Commemorating Dusshera with Plastic Ravana

The Cement Manufacturers Association collaborated with MoHUA to create 25-foot installations of Ravana(s) in 5 cities. Each effigy, made of 300 kilos of plastic waste, was mechanically destroyed in a cement plant. The remnants were incinerated under high temperatures to personify Ravana in a plastic

form as a demon for the society and environment.

## Ujjain Municipal Corporation Turns Defunct Bus-Stop into She-चालय (Ladies toilet)

Ujjain Municipal Corporation, with the help of citizens, remodeled an unused bus stop into a women-friendly toilet. The facility is managed by women caretakers and has features such as sanitary napkin vending machines, panic button and security cameras to ensure the safety.

## Thaila Banks and Bartan Banks Established in Several Locations

To find sustainable solutions to single-use plastic, several ULBs have opened thaila and bartan banks. These banks are helping cities to curb the usage of disposable cutlery by providing reusable utensils for rent at a nominal fee. These ventures have led to livelihood generation for women SHG members.



## Garbage Café, Which Provides Free Food In Exchange of Plastic Waste, Inaugurated in Ambikapur, Chhattisgarh

9 October 2019 saw the inauguration of Garbage Café by Ambikapur

Municipal Corporation which provides free food in exchange for plastic waste. The tagline says, 'More the waste better the taste'.



“ The houses that are being provided, these are not just a roof on the head of homeless but they are also living examples of women empowerment. The houses that are being provided under Prime Minister’s Housing Scheme, have been registered in the name of mothers and sisters. ”

**Narendra Modi**, Prime Minister







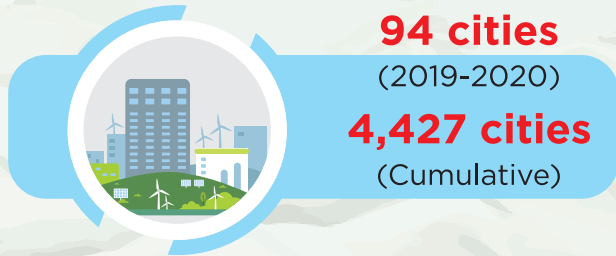
## **Pradhan Mantri Awas Yojana (Urban)**

Launched on 25th June 2015, the Mission aims to ensure 'Housing for All' in urban areas. The Mission provides central assistance to implementing agencies through States/Union Territories (UTs) and Central Nodal Agencies (CNAs) for providing houses to all eligible families/ beneficiaries.

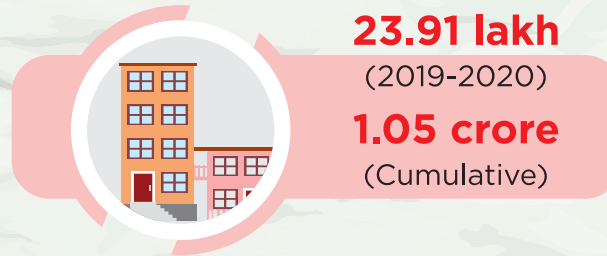
# ACHIEVEMENTS

(One year and cumulative since May 2014)

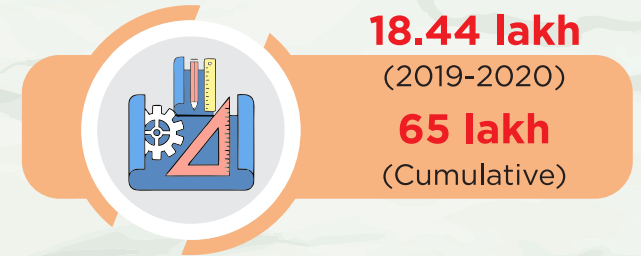
## Cities included in the Mission



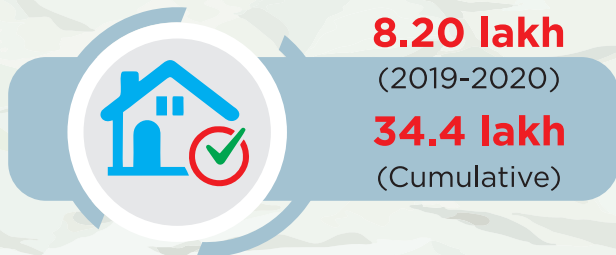
## Houses Sanctioned



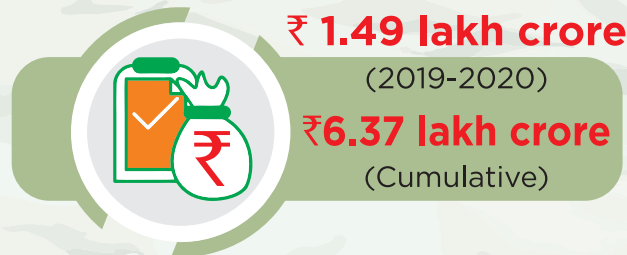
## Houses Grounded



## Houses Completed



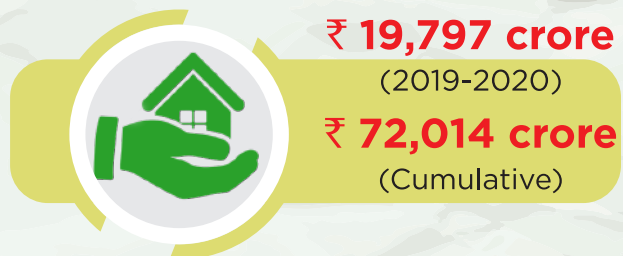
## Investment Approved



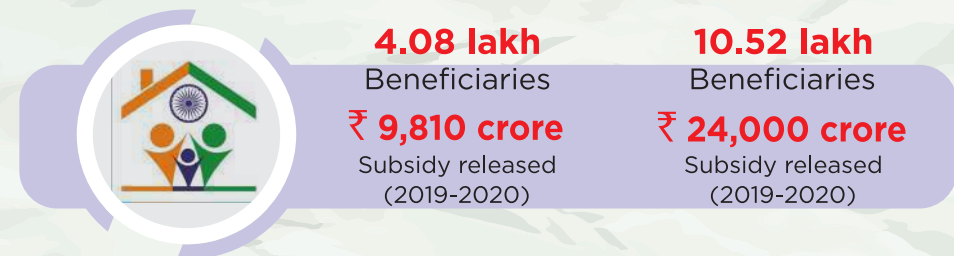
## Central Assistance Sanctioned



## Central Assistance Released



## Credit Linked Subsidy Scheme (CLSS)





# SPECIAL INITIATIVES



## **Affordable Rental Housing Complexes (ARHCs)**

In line with the Government's vision of AtmaNirbhar Bharat, MoHUA has initiated a scheme "Affordable Rental Housing Complexes (ARHCs) for providing ease of living to people from EWS/LIG categories

including labours, urban poor (street vendor, rickshaw puller, other service providers etc.), industrial workers, educational/ health institutions, hospitality sector, Long term tourists, students or any other category as deemed fit by the States/UTs.

Investment under ARHCs is expected to create new jobs. The urban migrant/ poor will get better and decent living environment through creation of ARHCs near their workplaces. Industries too will be benefitted through sustained supply of human resource resulting in improved productivity and workmanship for eventual economic gain.



## **Extension of Credit Linked Subsidy Scheme (CLSS) for Middle Income Group (MIG)**

CLSS for MIG, which was included with effect from 1st January 2017, has been extended till 31st March 2021. The Mission has provided subsidy of Rs. 7,000 Crore (approx.) to nearly 3.3 Lakh beneficiaries and mobilized an investment of Rs. 75,000 Crore (approx.) for last 3 years.

Extension of CLSS for MIG shall benefit 2.5 Lakh Middle income families, mobilizing an investment of Rs. 70,000 crores in FY 2020-21 having a cascading positive impetus to many allied industries like cement, steel, glass, metal etc apart from boost to heavy material transport and job opportunity to skilled and unskilled workforce in urban areas.

# SPECIAL INITIATIVES

## A significant milestone - PMAY(U) houses cross 1 Crore mark

PMAY(U), one of the largest affordable housing programmes in the world achieved yet another milestone of 1 Crore houses in December 2019. So far, 1.05 crore houses have been sanctioned and 65 Lakh have been grounded for construction. Employment for more than 1.65 Cr persons has been generated through forward and backward linkages. Around 370 Lakh metric tonne cement and 84 Lakh metric tonne steel has been consumed for the construction of houses. The investment has also impacted on livelihood, transport sector, skill development, landscape development sector etc.

## Light House Projects (LHPs) under GHTC India

GHTC ushered in a paradigm shift in the construction technology to transform the eco-system of housing construction through Light House Projects (LHP) in India. These model housing projects are being implemented in 6 States viz: Gujarat, Jharkhand, Madhya Pradesh, Tamil Nadu, Tripura and Uttar Pradesh to demonstrate the innovative technology and deliver houses more expeditiously compared to conventional constructions.



## Angikaar- a campaign for change management

Hon'ble Prime Minister had envisioned to provide basic services to all houses constructed under PMAY(U) and address issues that arise from life transformation after moving into a pucca house.

Aligning to this, ANGIKAAR- a campaign for change management was implemented across States/UTs in around 4,427 cities (from 2nd Oct'19 to 26th Jan'20).

The campaign aimed to create awareness on best practices of water & energy conservation, sanitation and waste management, through behaviour change and convergence by conducting need assessment and door to door awareness. Around 15 Lakh households have been covered from Beneficiary Led Construction (BLC), Affordable Housing in Partnership (AHP), In-situ Slum Redevelopment (ISSR) verticals by 18,347 ANGIKAAR Resource Persons in States/UTs and 5 Lakh EWS/LIG beneficiaries were reached out to for Financial Literacy on various financial products and services available from the formal financial sector.



# SUCCESS STORIES

## A glimpse



### **Smt Babita Buade, Betul, Madhya Pradesh**

Babita Buade, a mother of three living in an unauthorised slum of Betul, Madhya Pradesh. With a meagre family income of Rs 4,000-5,000 monthly, resigning to their fate was natural.

Their life took an unexpected turn when an acquaintance introduced her to the benefits of PMAY(U)'s Beneficiary Led Construction (BLC) scheme. Standing with her family outside her new pucca house, made with support from the scheme, she says, "With the responsibility of 3 children, our income was not enough to own a pucca house ever. After I heard about benefits of PMAY-U, I applied for it after some time and I was granted a Patta of Land. The instalment of PMAY-U started crediting in my bank account thereafter. I was able to fulfil my dream of owning a house".

"I am thankful for the support under PMAY-Urban, without which, owning my own house was unimaginable," she quips with a broad smile on her face.



### **Dinesh, Gorakhpur, Uttar Pradesh**

Dinesh lived in a tin shed kuchha house in Gorakhpur city of Uttar Pradesh with his wife and children. The house didn't have a toilet. A father of two, Dinesh worked at a Chemist's shop and earned too less to afford a better house. "The tin shed would heat up in summers and leak during rain. My life would have stayed the same if I had not come across the PMAY-U scheme," says Dinesh.

Showing his new pucca house, he shares that after getting detailed information about the scheme, he immediately applied under the same. "It took a few days before my application was accepted. I got Rs 50,000, Rs 1,50,000 and Rs 50,000 in first, second and third instalments, respectively", he says.

# DAY-NULM


Deendayal Antyodaya Yojana-National  
Urban Livelihoods Mission

“The philosophy of  
“Sabka Saath, Sabka  
Vikaas” ensures the  
dignity and well-  
being of all Indians,  
particularly the poor  
and marginalised.”

**Narendra Modi**, Prime Minister







## Deendayal Antyodaya Yojana- National Urban Livelihoods Mission (DAY-NULM)

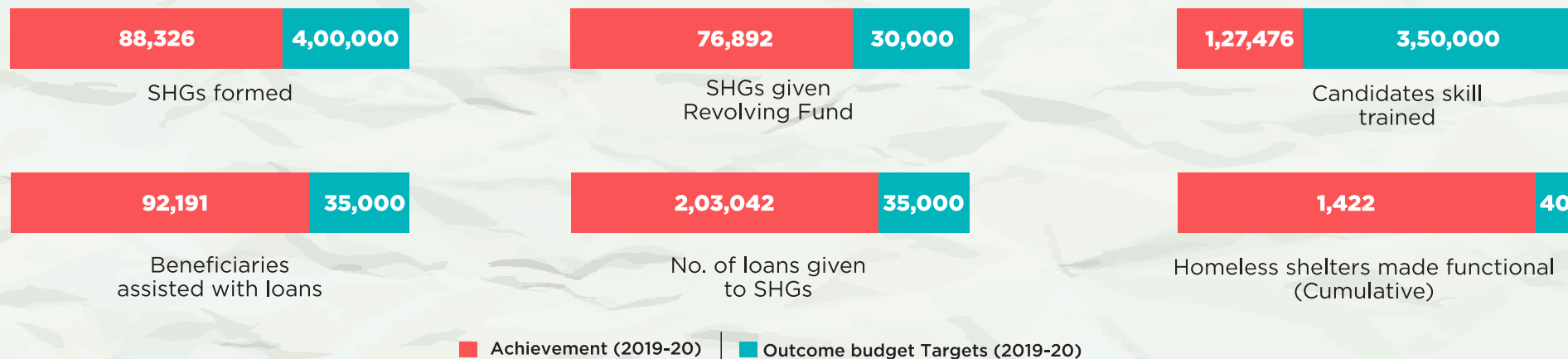
The Mission aims to (i) reduce poverty and vulnerability of the urban poor households by providing self-employment and skilled wage employment opportunities; (ii) provide shelter equipped with essential services to the urban homeless; and (iii) address the livelihood concerns of the urban street vendors.



# ACHIEVEMENTS

(One year and cumulative since May 2014)

## Progress (May 2019-May 2020)



## Cumulative





# INITIATIVES



## 1. **Community led innovative initiatives in fight against COVID**

**19:** The Self Help Groups (SHGs) of DAY-NULM transformed into corona warriors by complimenting production of masks and sanitizers to fill-in for the supply gaps. Nearly 15,000 SHGs have produced more than 5 crore masks, more than 2.5 lakh Personal Protection Equipment (PPE) kits and nearly 1.20 thousand litres of sanitizers.

**2. Free food to shelter inmates:** Leveraging its 1,400 plus shelters, DAY-NULM has catered to the accommodation requirements of migrants besides the regular homeless persons during the lockdown. Being sensitive to the fact that the migrants and homeless have lost their sources of livelihood during this period, MoHUA advised States/UTs to arrange three free meals a day for them in shelters.

**3. PAiSA Portal:** Launched in 2018 for online crediting of interest subvention directly to beneficiaries' account on monthly basis, PAiSA Portal has also been recognized and appreciated by Hon'ble Finance Minister besides being awarded the SKOCH Smart Governance Golden Award in 2019. To further the cause of maximizing digital transfers of subvention amount to beneficiaries, the number of banks on-boarded has increased substantially to 193 banks, including 116 Co-operative banks.

**4. Swasth SHG Pariwar:** As part of the '100 days Impact Initiative', the initiative was implemented linking nearly 8 lakh and 3 lakh eligible SHG members with PMJAY and POSHAN schemes respectively. 10 thousand Health check-up camps were also organized to cover over 13 lakh SHG women & their family members.

**5. Wider market access:** The Mission has facilitated wider market access to the products made by SHGs, which were so far selling these locally, by executing MoUs with e-commerce giants like Amazon & Flipkart. This initiative will also help in capacity building of the SHG women entrepreneurs in branding, digital marketing and financial management.

**6. Shehri Sahbhagita Manch:** The Mission has supported formation of over 1,600 Shehri Sahbhagita Manch (SSM), at the cities/ULBs level, as a platform to leverage community-based organizations under DAY-NULM to create a mechanism for participatory governance.

**7. Recruit-Train-Deploy (RTD) model:** Foreseeing the employment opportunities for plumbers, a major programme to skill train 30,000 candidates in 5 trades in the plumbing sector has been launched in collaboration with the Indian Plumbing Skill Sector (IPSC) under the RTD model. Similar collaborations are being tied up at city level, especially in respect of Varanasi, for skill training in high demand sectors such as Textiles, Tourism & Hospitality, Management and Electronics.

**8. Smart ID Cards:** To support the urban street vendors and to safeguard their rights, the Mission has started to provide Smart ID cards and Certificate of Vending (CoV) to urban street vendors, containing important details about the street vendors in digitally codified form.

# SUCCESS STORIES

A glimpse



## JOURNEY FROM A VICTIM TO A SAVIOUR

Ms. Rajni Kumari from Sitamarhi district of Bihar was an unfortunate victim of domestic violence and abuse for 14 years. Rajni finally found her calling in the local Self Help Group (SHG), who gave her courage to stand up for herself. She joined

‘Suman SHG’ formed under the Social Mobilisation and Institution Development component of DAY-NULM in July 2015. She expresses her gratitude for the support, encouragement and motivation of local community organisers.

Rajni is working as a Community Resource Person (CRP) since January 2016 for which she gets a monthly remuneration from DAY-NULM. Though she gets a regular income in her role as a CRP, she feels especially liberated by the fact that she carries the ability to listen and address the problems of her local community.

## A FEARLESS JOURNEY OF REGAINING RESPECT AND IDENTITY

Karima Khan, who had won laurels in beauty pageants for transgender community, suffered a setback in 2010 because of an acid attack that left her with near fatal burns. However, this did not deter Karima from her determination, and consequently, she decided to become a beautician and help



others look and feel beautiful. Being an acid attack survivor, her acceptance in enrolment for training was proving to be an issue. She learned about the skill development program of DAY-NULM in Chhattisgarh and undertook training in Beauty Therapy and Hair Styling. Today, Karima has been running a parlour successfully in Andhra Pradesh for three years. She is proud that people around today respectfully call her the Parlour Wali Didi. She's grateful to the skill development programme of DAY-NULM which has helped her in regaining respect and dignity in the community.



“ Atal Ji used to say that the new will not become better without improving the old. Today, this is the inspiration for AMRUT. With the same thinking, the decades-old systems in several cities have been improved. In these cities, sewage system, drinking water facilities, street lights have been reformed and emphasis has been laid on beautification of lakes, ponds and parks. ”

**Narendra Modi**, Prime Minister





A photograph of a park area. In the foreground, there is a green lawn. In the middle ground, there is a gazebo with a red-tiled roof and black pillars. Behind the gazebo, there is a green and white building. To the left, there is a brown building. To the right, there are some trees and a fence. The sky is blue with some clouds.

## Atal Mission for Rejuvenation and Urban Transformation (AMRUT)

AMRUT was launched on 25th June, 2015 with the objective of universal water supply; improvement in sewerage network; developing children and Divyang friendly green spaces and parks; improvement in storm water drainage and non-motorized urban transport and implementing a reform agenda under which States/UTs are incentivized for implementation of reforms.



# ACHIEVEMENTS

(One year and cumulative since May 2014)

## Water Tap Connections



**30 lakh**  
(2019-2020)

**78.13 lakh**  
(Cumulative)

## Sewerage and Septage Connections



**15 lakh**  
(2019-2020)

**45 lakh**  
(Cumulative)

## Waste water Treatment



300 MLD of wastewater treatment capacity created including water recycling capacity of 45 MLD

## Green Spaces and Parks



**298**  
(2019-2020)

**1,499**  
(Cumulative)

## Street Lights



**15 lakh**  
(2019-2020)

**76 lakh**  
(Cumulative)

## Online Building Permission System



4 cities adopted OBPS resulted in India's achievement of 27th rank position in the World Bank Doing Business Report (DBR) 2020, in the dealing with construction permits component. OBPS implemented in 2,056 cities including 444 AMRUT cities.

# SPECIAL INITIATIVES



## Reuse of treated Waste-Water

- Two Tertiary Treatment plants of 45 MLD each based on Reverse Osmosis established at Kodungaiyur & Koyambedu, Tamil Nadu



## Water ATM

Water ATMs dispense drinking water as cheap as Re.1 per litre and facilitate people to get 24x7 clean and safe drinking water.



## Low Cost Treatment Plant

- Fecal Sludge Treatment Plant is low-cost option for treatment of fecal sludge & septage.
- FSTP projects successfully taken up in Chhattisgarh, J&K, Meghalaya, Mizoram, Odisha and Uttar Pradesh.



# SPECIAL INITIATIVES

## Promoting Tourism

- 8 MLD STP are providing treated waste water to Jal Mahal Lake, Jaipur.
- Enhanced water level in lake has augmented Tourism.



## Developing Potential Revenue Sources

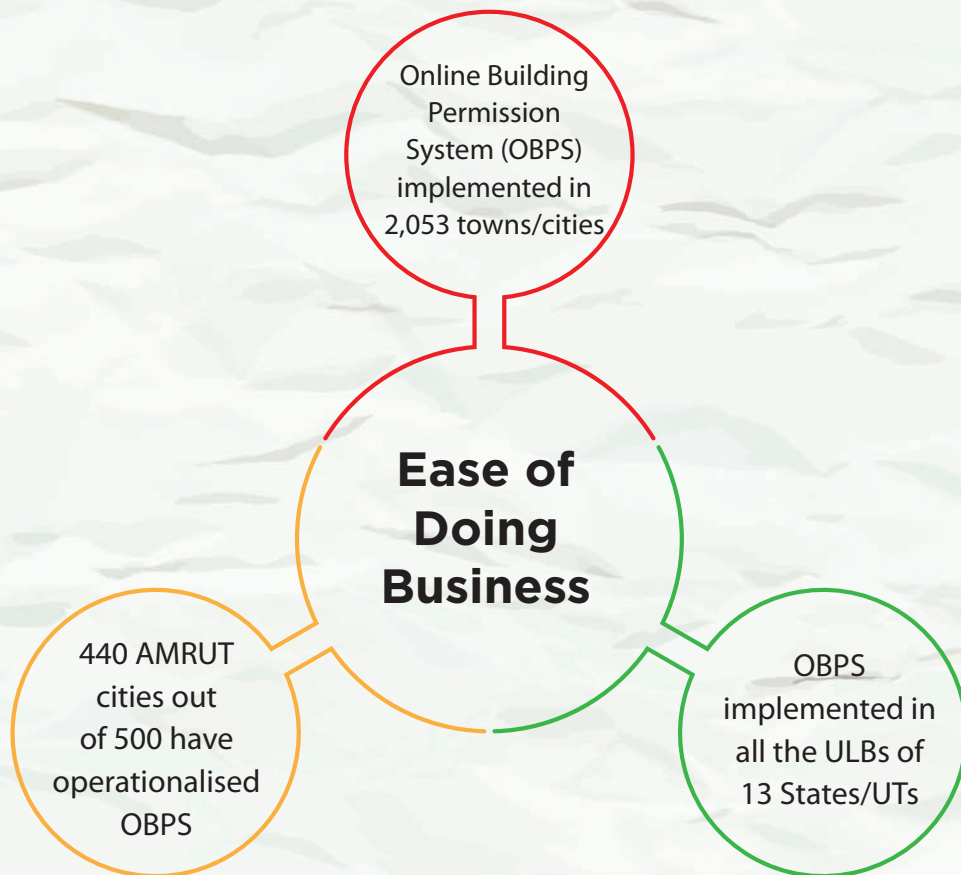
- Komati Cheruvu Park developed at Siddipet, Telangana having an area of 4 acre.
- Pathways, round seating arrangements, horticulture works, automated sprinkler system, bollard lights, compound wall etc. have been developed.

## Transformation of Areas into Green Spaces

Vehicle dumping yard transformed to a park equipped with restrooms, cafeteria, and parking at Kollam, Kerala.



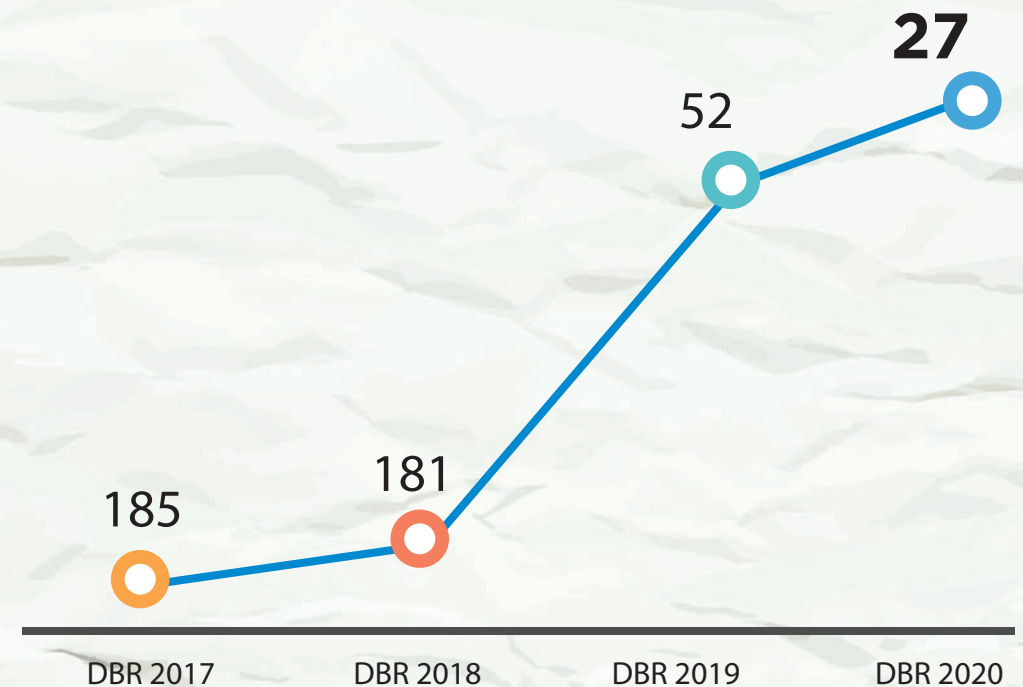
# EASE OF DOING BUSINESS THROUGH SEAMLESS INTEGRATION



## Ease of Doing Business Construction Permits

(Source: World Bank Doing Business Report)

### Global Rank







**Smart City**  
MISSION TRANSFORM-NATION

**“ Smart Cities Mission will help prepare our cities to take up the challenge of New India; and prepare world class intelligent urban centres in India, for the 21st Century... Living spaces should be characterised by the 5 “E”s: Ease of Living, Education, Employment, Economy and Entertainment. ”**

**Narendra Modi**, Prime Minister





## Smart Cities Mission

Smart Cities Mission (SCM), launched on 25 June 2015, is one of the most transformational urban missions. The objective of the Mission is to strengthen urban infrastructure through application of smart solutions and provide a better quality of life to citizens.



# ACHIEVEMENTS

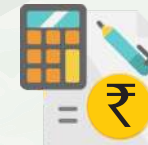
(One year and cumulative since May 2014)



No. of cities  
**100**



Total projects  
**5,151**

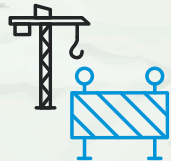


Total project cost  
**Rs. 2,05,018 crore**



Tenders issued for  
**4,686 projects**  
worth ₹ **1,65,000** crore  
(cumulative)

An increase of over  
**Rs. 32,000** crore in the  
last 13 months



**3,832 projects**  
worth ₹ **1,25,000** crore  
under implementation  
(cumulative)

An increase of over  
**Rs. 36,000** crore in the  
last 13 months



**1,636 projects**  
worth ₹ **27,000** crore  
completed  
(cumulative)

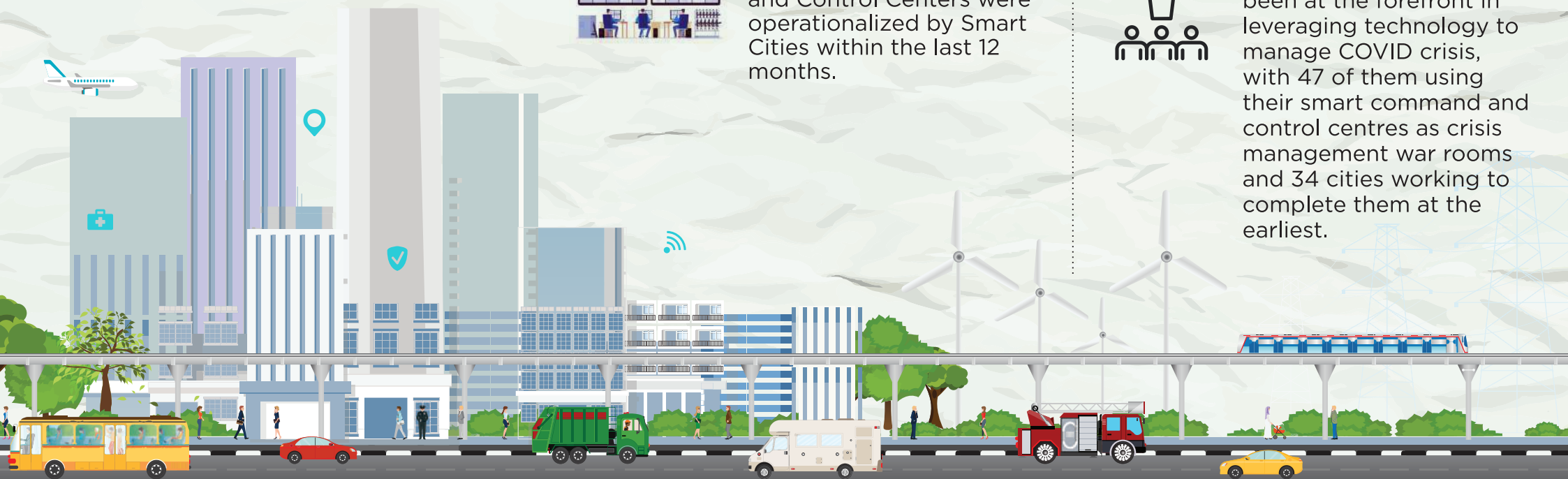
An increase of over  
**Rs. 12,000** crore in the  
last 13 months



Over 30 Smart Command  
and Control Centers were  
operationalized by Smart  
Cities within the last 12  
months.



Our Smart Cities have  
been at the forefront in  
leveraging technology to  
manage COVID crisis,  
with 47 of them using  
their smart command and  
control centres as crisis  
management war rooms  
and 34 cities working to  
complete them at the  
earliest.



# SIX DIFFERENTIATORS



## Competition

Cities selected through competition



## Different Starting Points

Not all Cities selected at same time. 100th Smart city selected in June 2018



## Special Purpose Vehicles (SPVs)

New Administrative Mechanism to implement SCP



## Citizen Engagement

>15 million citizens consulted during Challenge Process



## ABD + Pan City Strategy

Different Approach



## Convergence

Sectoral and Financial convergence





# SECTOR-WISE PROGRESS



## SMART ROADS



Smart Roads impact the lives of all citizens and in a variety of ways.

- Ensure safe and convenient access and routes to all users
- Reduced accidents on the road
- Promote transit oriented development
- Provide spaces for users to stop and enjoy themselves

## SMART SOLAR ENERGY

Smart Cities Mission requires cities to have at least 10% energy coming from solar and at least 80% buildings to be energy efficient and green

- Reduced carbon emission
- Reduced dependency on conventional sources of power
- Reduced dependency on grid power





# SECTOR-WISE PROGRESS



## VIBRANT PUBLIC SPACES



Smart Cities develop public spaces such as squares, waterfronts, parks, heritage precincts, traditional markets to make them vibrant urban spaces.

- Promotes social inclusion through universal accessibility
- Visual improvement of the area
- Enhanced quality of life
- Improved physical and mental health

## SMART WATER

Water supply infrastructure and services are better managed by Smart Cities leveraging Information & Communication technology (ICT) through Performance Based Management Contracts (PBMCM)

- Improved quality of water supply
- Active leakage control and regular water supply
- Reduction in loss of water through leakages and pilferage
- 24x7 water supply





# SECTOR-WISE PROGRESS



## PUBLIC PRIVATE PARTNERSHIP



Public Private Partnership (PPP) is considered to be one of the major funding options in Smart Cities Mission.

## COMMAND & CONTROL

A Smart City Centre is a platform where information from various urban agencies is collected, analyzed and used for decision making by the agencies involved in the city management and planning.

- Improved quality of services to the citizens
- Safety of citizens
- Making cities more inclusive
- Improved decision making for (local and other levels of) governments
- Improved environmental sustainability and climate change outcomes
- Better public services management



**“ There is need to bring about a paradigm shift in urban planning, by adopting a people-centric approach, and integrating land-use and transport. ”**

**Narendra Modi**, Prime Minister





# Urban Transport

There is an urgent need to conserve energy and land, control pollution and greenhouse gas emissions. Urban transport is a solution to these issues. Hence, planning and management of Urban Transport services and infrastructure requires immediate attention.





# ACHIEVEMENTS

(One year and cumulative since May 2014)

**900 km**

Metro/RRTS under construction in 27 cities  
(Cumulative)



**40 km**

of new metro network operationalized in Delhi, Nagpur, Kochi, Kolkata and Hyderabad

(May 2019 - May 2020)

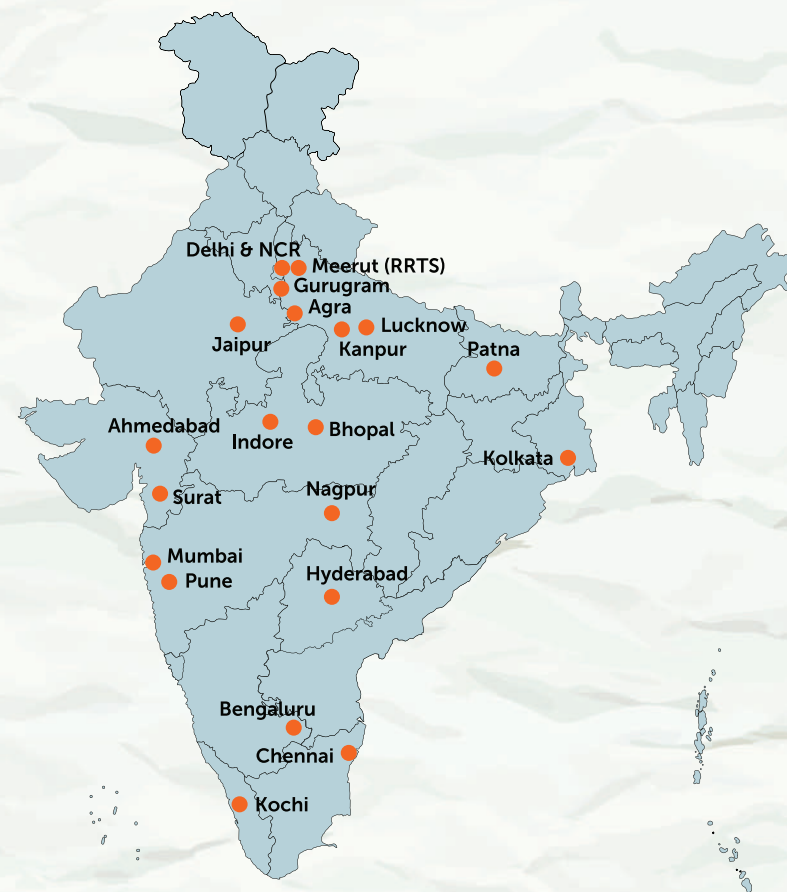


**700 km**

of metro operationalized in 18 cities  
(Cumulative)



Standards for Light Urban Rail Transit System named 'Metrolite' fit for Tier-2 cities issued



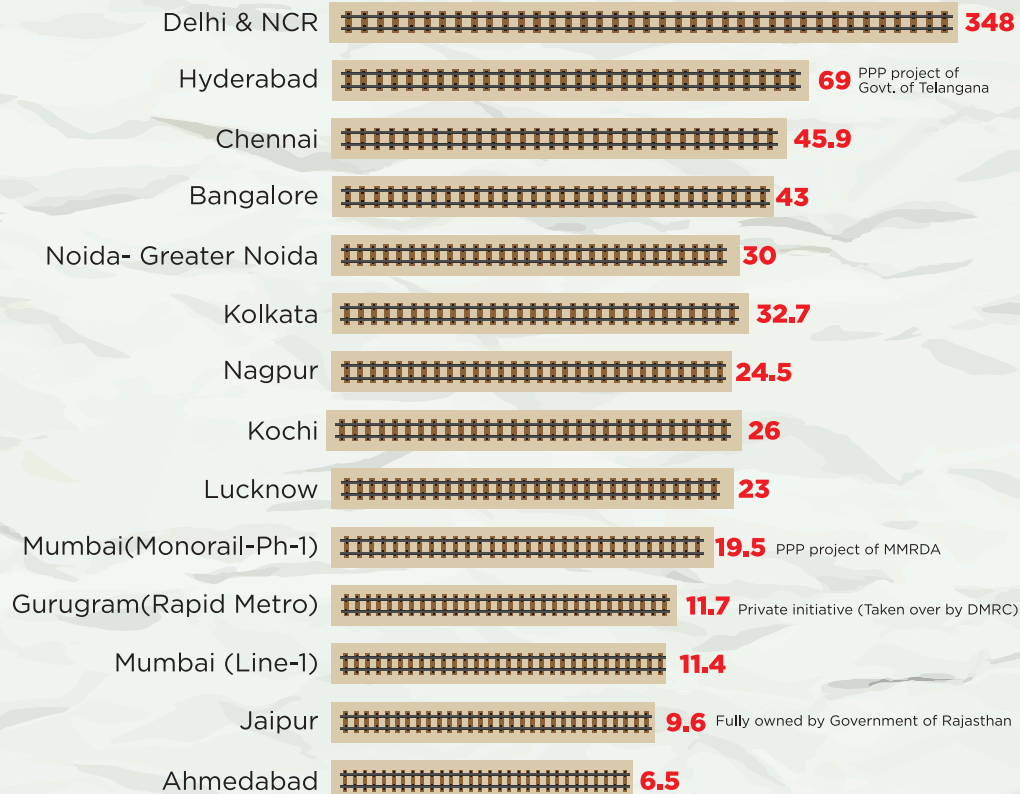


# METRO PROGRESS

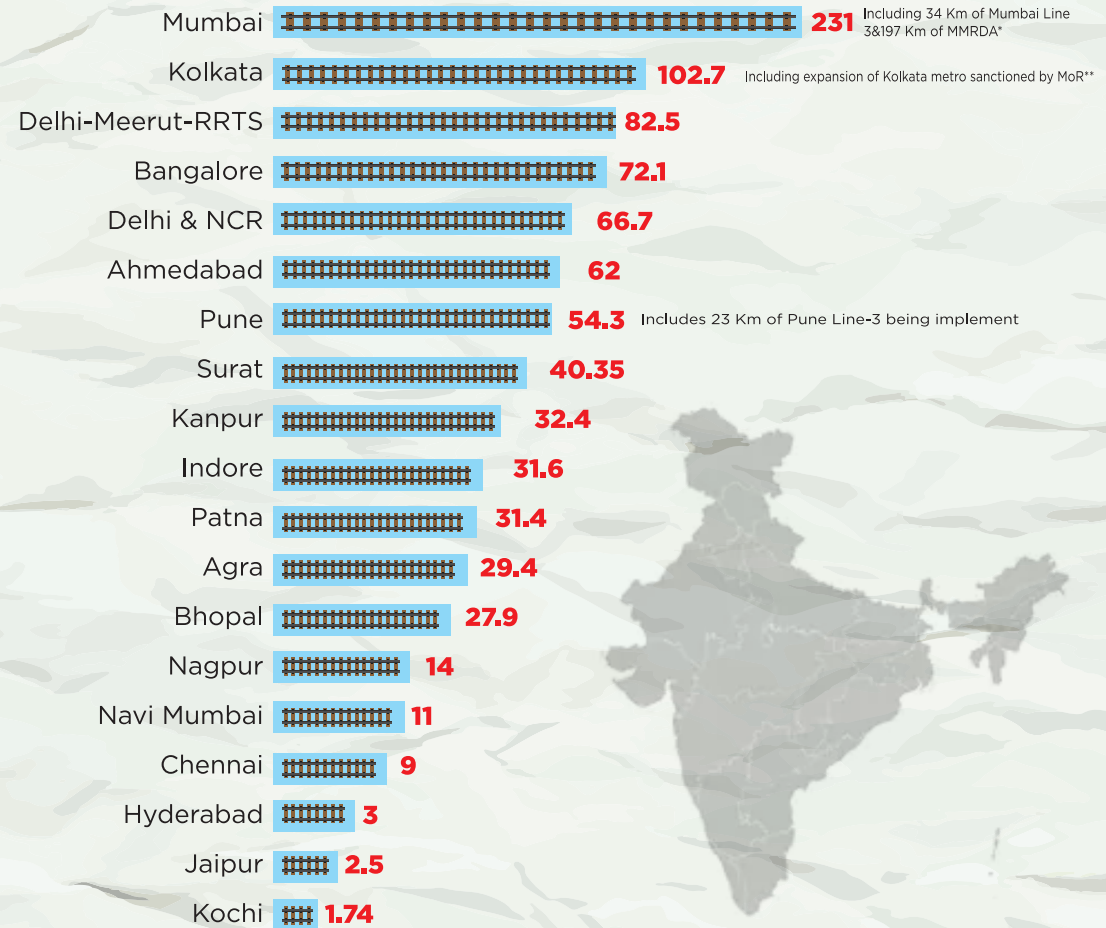
Till May 2020

## SNAPSHOT OF METRO RAIL PROGRESS IN INDIA

### METRO RAIL OPERATIONAL: 700 KM

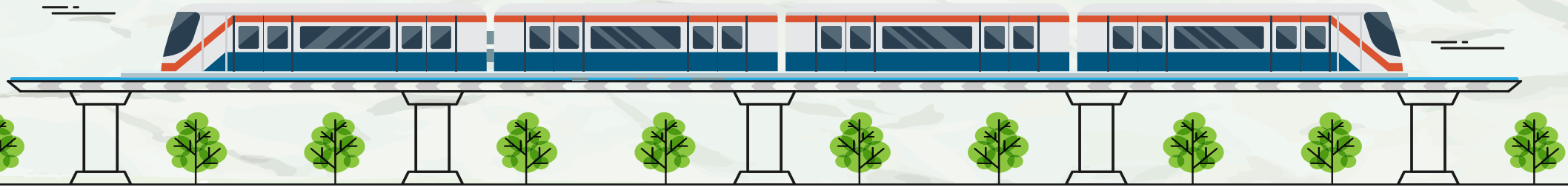


### METRO RAIL / RRTS UNDER CONSTRUCTION: 900 KM



\* Mumbai Metropolitan Region Development Authority

\*\* Ministry of Railways



# MULTI MODAL INTEGRATION OF METRO



## CITY TRANSPORT SERVICES



City Bus



BRTS

## REGIONAL TRANSPORT SERVICES



Rail



Air



Regional Bus

## NON MOTORIZED TRANSPORT



Pedestrian



Cycle



Rickshaw

## INTERMEDIATE PARA TRANSIT



Auto Rickshaw



Taxi

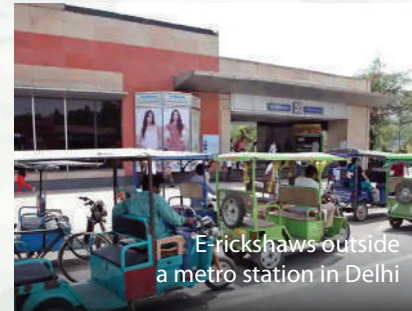
## WATER TRANSPORT



Ferry



A water ferry in Kochi



E-rickshaws outside a metro station in Delhi



BRTS buses in Bengaluru



Public Bike Sharing System in Mysuru



# RERA

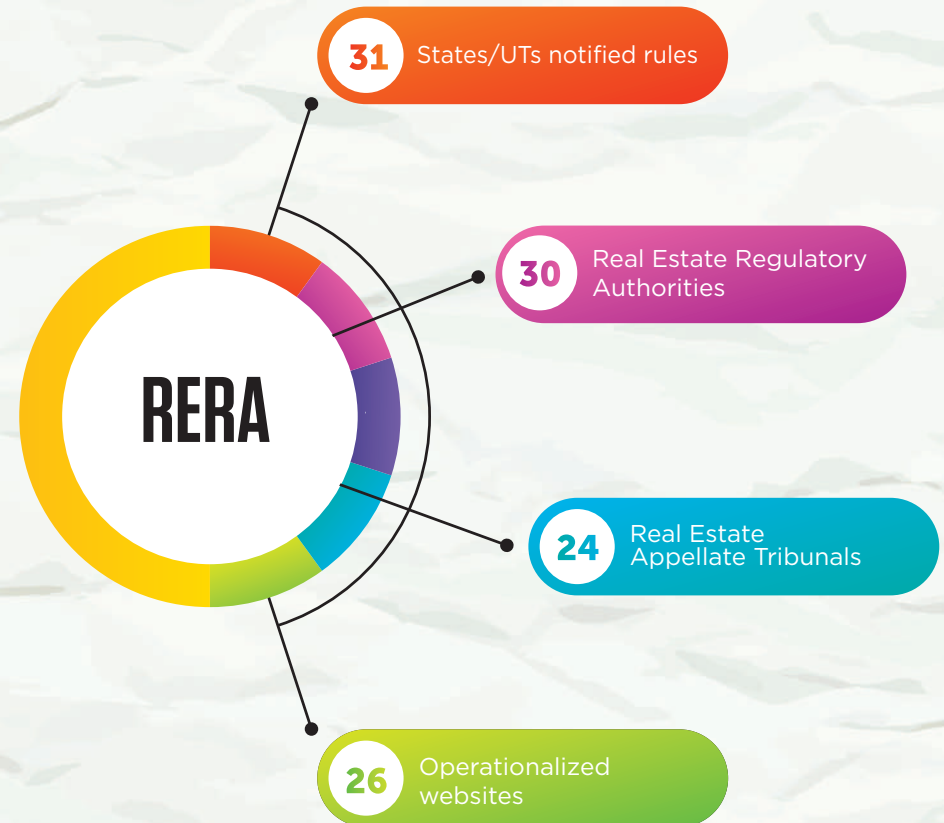
“ RERA has strengthened the trust between the customers and the Real Estate Developers.”

**Narendra Modi**, Prime Minister



# REAL ESTATE SECTOR

- So far, 31 States/UTs have notified rules under RERA; 2 North Eastern States (Nagaland and Sikkim) are under process to notify the rules. Rules in UTs of Jammu & Kashmir and Ladakh will be notified soon. West Bengal has enacted its own legislation, which has been challenged before Supreme Court and MoHUA has filed its affidavit to annul it.
- 30 States/UTs have set up Real Estate Regulatory Authority (Regular - 25, Interim - 05). Meghalaya has notified the rules.
- 24 States/UTs have set up Real Estate Appellate Tribunals. Arunachal Pradesh, Assam, Himachal Pradesh, Kerala, Lakshadweep, Meghalaya and Mizoram are under process to establish.





# HOUSING - INCENTIVES FOR REAL ESTATE SECTOR

(May 2019 - May 2020)

Additional Deduction of Rs. 1.5 lakh on Home Loan Interest for home loans availed from 1st April, 2019 upto 31st March, 2020 on affordable houses.

Further amendments in Insolvency and Bankruptcy Code (IBC) by enhancing the default limit from Rs. 1 Lakh to Rs. 1 Crore.

Increase in size limit of Affordable Housing Unit from 30 to 60 sq. mtr. in Metro and from 60 to 90 sq. mtr. in non-metro cities.

To give relief to homebuyers of stalled projects, a Special Window for Affordable and Mid-Income Housing Fund (SWAMIH) Investment Fund has been established for projects that are net-worth positive and registered under RERA.





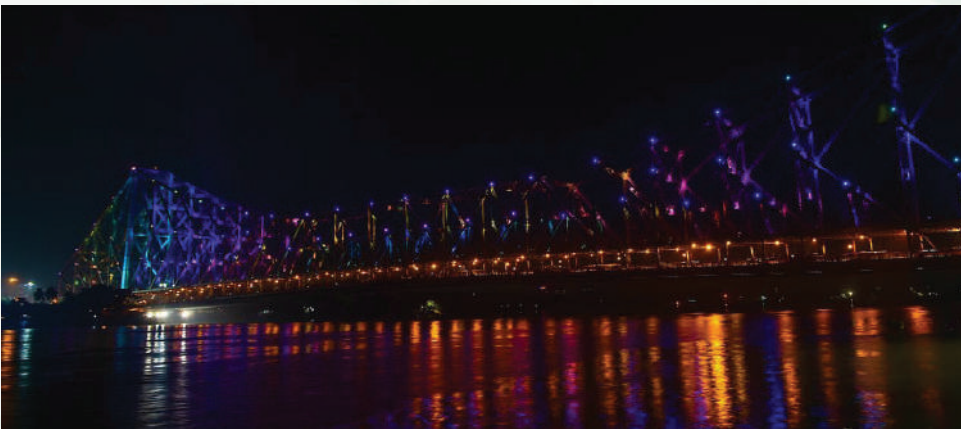
# CPWD

## ACHIEVEMENTS

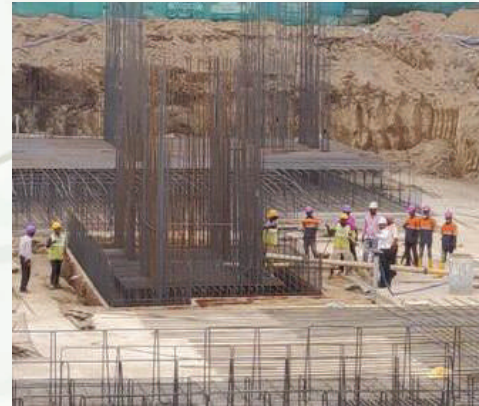
(May 2019 - May 2020)



New Building Complex of Supreme Court of India costing Rs.1000 crore inaugurated by Hon'ble President of India on July 17, 2019.



Dynamic Façade Lighting of RabindraSetu, Howrah Bridge, Kolkata inaugurated by Hon'ble Prime Minister of India.



CPWD has added 49 new emerging and innovative technologies. These are being used by CPWD in its projects and found to be fast, eco-friendly and in conformity with green and sustainable development.

Dynamic Façade Lighting of Parliament House Complex inaugurated by Hon'ble Prime Minister of India.

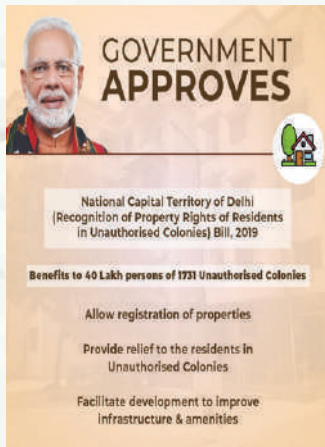






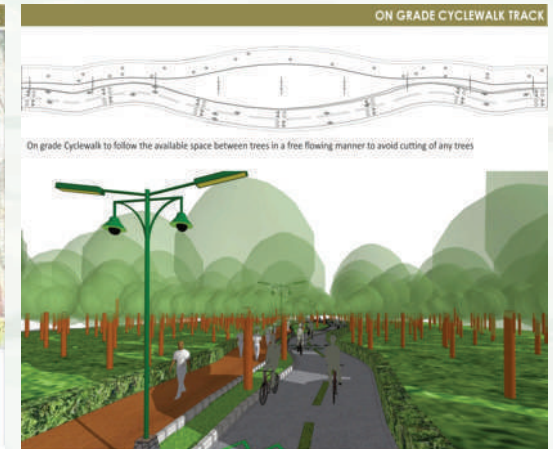
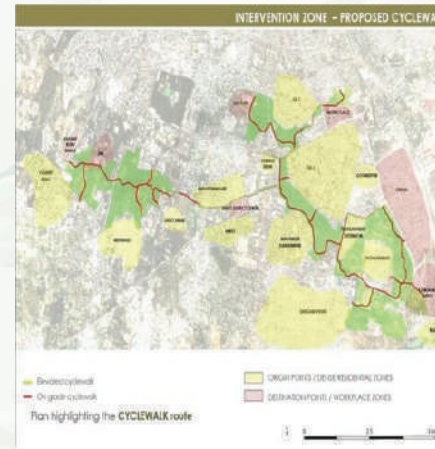
## ACHIEVEMENTS (May 2019 - May 2020)

### 1. A New Dawn in the Lives of Lakhs of People with PM-UDAY (PM-Unauthorised Colonies in Delhi Awas Adhikar Yojana)



- To give ownership rights to more than 40 lakh residents in 1,731 unauthorised colonies in Delhi, the Government notified PM-UDAY and enacted the National Capital Territory of Delhi (Recognition of Property Rights of Residents in Unauthorised Colonies) Act, 2019.
- The Act will allow Registration Charge and Stamp Duty to be levied on nominal charge fixed by the Government instead of the prevailing circle rate.
- The property owners living in these unauthorised colonies can now enter into valid property transactions and raise funds from financial institutions. This is expected to trigger massive redevelopment of these unauthorised colonies.
- So far, more than 2.5 lakh residents of unauthorised colonies have registered on PM-UDAY portal of Delhi Development Authority.

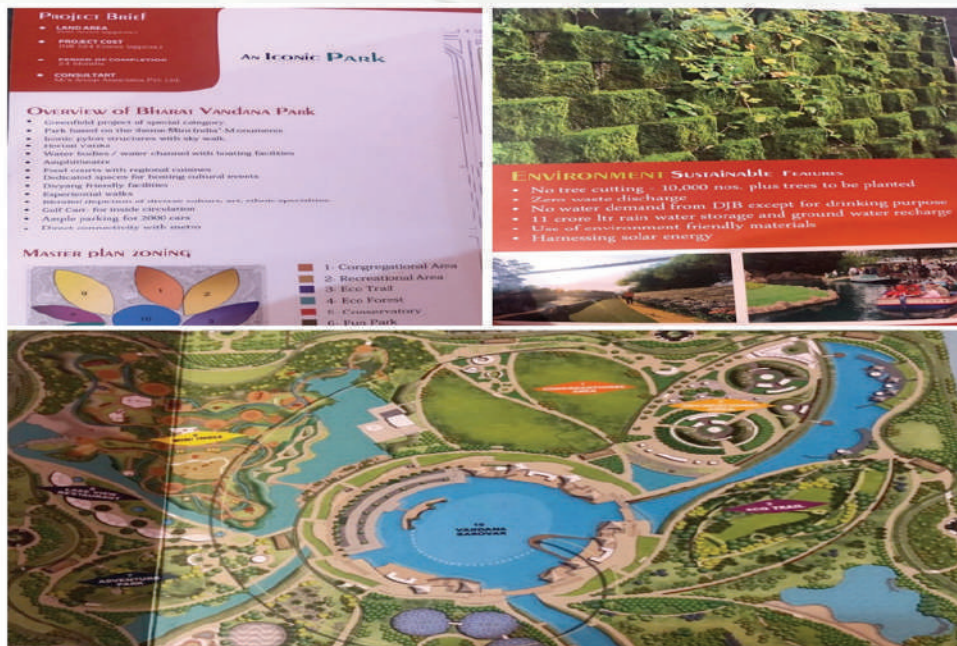
### 2. The Delhi Cycle-Walk



- The foundation stone of The Delhi-Cycle Walk at Tughlakabad, was laid by Hon'ble Home Minister on 06.01.2020, in the presence of Hon'ble MoS (IC), HUA, LG of Delhi and other dignitaries.
- DDA has planned to develop about 200 Km of dedicated cycle-walk track to provide pollution free green commuting. MoHUA has decided to start this with a stretch of 36 Km proposed along the busy corridors from Vasant Kunj (Near Delhi Airport) to Badarpur (Near Faridabad) covering Saket, Malviya Nagar, Okhla etc.
- This Cycle track will not only benefit those who cycle and walk for work and study but also motivate citizens to adopt healthy and environment friendly options to commute.



### 3. Bharat Vandana Park



- The foundation stone of the Bharat Vandana Park at Sector 20, Dwarka was laid by Hon'ble Home Minister on 17.12.2019 in the presence of Hon'ble MoS (I/C), HUA, LG of Delhi and other dignitaries.
- The project, spread over an area of 80 ha of land depicting mini India, envisages multiple parks on various themes, recreational activities, food courts, restaurants, State pavilions, water bodies, special sports activities etc.

### 4. Integrated Development of East Delhi Hub, Karkardooma



- The foundation stone of first Transit Oriented Development (TOD) project "East Delhi Hub' at Karkardooma, was laid by Hon'ble Home Minister on 26.12.2019, in the presence of Hon'ble MoS (IC), HUA, LG of Delhi and other dignitaries.
- This will be a mixed use development project spread in 30 Ha of land. The total built-up area (FAR) of residential, commercial, civic facilities and EWS would be 3.87 lakh sqm., 1.10 lakh sqm. 0.55 lakh sqm. and 0.83 lakh sqm., respectively.
- The project will house approximately 4,526 dwelling units for general public and 2,088 dwelling units for EWS.



## ***5. Transit Oriented Development (TOD) for Delhi***

- TOD is essentially a development focused around/ along a mass transit node and facilitates ease of access to that transit facility, thereby bringing people and jobs closer to mass transit and leads to much needed integration of land use and transport in the city. TOD will result in compact, walkable, mixed-use developments within influence zones of transit stations, improve public transit ridership, reduce vehicular congestion and reduce greenhouse emissions and pollution in the long run.
- The TOD policy has been approved and notified by the Ministry on 24.12.2019. The TOD Nodes in the city would be identified by DDA. The development is proposed with FAR of 1.5 times of the existing permissible FAR on the plot or 300, which ever is more subject to the maximum limit of 500.

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## ***6. Restaurants permitted on Mixed Use Streets in Delhi***

- The Ministry approved the proposal of DDA to permit the restaurants with valid appropriate licenses and with all statutory clearance, on ground floor in the notified mixed use streets existing on or before the date of notification.
- The notification in this regard was issued on 24.10.2019.

## ***7. Projects in Delhi funded through Urban Development Fund (UDF)***

- a) Projects for Solid Waste Management in Delhi : Projects worth Rs 300 crore have been approved to the three Municipal Corporations of Delhi (MCDs) under UDF for procurement of mechanical road sweepers, water-sprinklers, plantation, paving and greening, vertical gardens, litter pickers, bio-methanation plants, compactor transfer stations, creating infrastructure for carrying out primary and secondary collection for managing Municipal Solid Waste (MSW) in city-SP Zone of North DMC, etc.
- b) Construction of Foot Over Bridge in lieu of RUB at Level Crossing No. 4-C on the approach of Patel Nagar Station by Northern Railway.
- c) Construction of Storm Water Drain (SW Drain) at Sector-8 Dwarka to cater discharge of airport by DDA for a total Project Cost of Rs. 88.56 Crore including UDF Funding of Rs. 70.85 Crore.
- d) In-situ Development of Kathputli Colony near Shadipur Depot (Improvement of road under Shadipur Flyover near Kathputli colony by DDA.
- e) Delhi Cycle Walkway, Phase I, South Delhi by DDA for a total Project Cost of Rs.550.34 crore including UDF Funding of Rs.440.24 crore.



## Swachhata Pledge

Mahatma Gandhi dreamt of an India which was not only free but also clean and developed.

Mahatma Gandhi secured freedom for Mother India.

Now it is our duty to serve Mother India by keeping the country neat and clean.

I take this pledge that I will remain committed towards cleanliness and devote time for this.

I will devote 100 hours per year that is two hours per week to voluntary work for cleanliness. I will neither litter nor let others litter.

I will initiate the quest for cleanliness with myself, my family, my locality, my village and my work place.

I believe that the countries of the world that appear clean are so because their citizens don't indulge in littering nor do they allow it to happen.

With this firm belief, I will propagate the message of Swachh Bharat Mission in villages and towns.

I will encourage 100 other persons to take this pledge which I am taking today.

I will endeavour to make them devote their 100 hours for cleanliness.

I am confident that every step I take towards cleanliness will help in making my country clean.





**Ministry of Housing and Urban Affairs**  
Government of India