



1 YEAR OF  
**PM MODI**  
GOVT 2020

**INFRASTRUCTURE**

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## Expanding National Highway Network Across the Country



Projects for 3211 km length awarded & 5958 km length constructed till Nov 2019 in FY 2019-20



Rate of development of roads increased from about 11.7 km during 2013-14 to about 30 km now



Additional 60,000 kms of National Highways proposed for the next 5 years

§ 2500 km of Expressways/Access Controlled Highways

§ 9000 kms Economic Corridors

§ 2000 kms for Coastal and Port Connectivity Highways

§ 2000 kms Border Road/ Strategic Highways

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## Augmenting Finances through Innovative Instruments



**NHAI to raise ₹1 lakh crore through Toll-Operate-Transfer (TOT) Model in the next 5 years**



Securitization of Toll Revenues and setting up of Infra Investment Trust (InvIT)



Financing new projects through the National Investment and Infrastructure Fund (NIIF) supported SPVs

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## FASTags Ensuring Seamless Travel on Highways



**National Electronic Toll Collection (NETC) program for collection of user fee through FASTags based on RFID technology**



FASTags enabled **seamless movement of traffic** in all lanes of Toll Plazas, reducing fuel, time & pollution



Fastag rolled out on 16.12.2019 with total issued reaching about **1.68 crore**



NHA prepaid wallet launched with **UPI recharge feature** giving customers the choice of not linking FASTag to bank accounts

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# Road Safety on Priority



Motor Vehicles Act, 1988 amended 1st time after 30 yrs brings reform in areas of road safety, **protecting good samaritan, cashless treatment for accident victims**



Implementation of amended Motor Vehicle Act resulted in **significant decrease in no. of road accidents**



**A State Support Programme to be launched to reduce overall fatalities of road accidents by 25% by 2024**



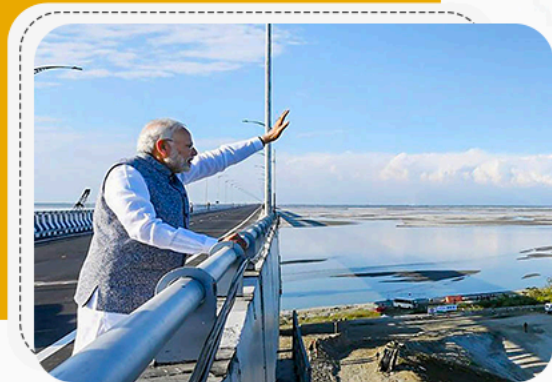
Mandatory fixation of **retro-reflective tape on all vehicles** irrespective of date of manufacturing to enhance road safety



**IT based road safety infrastructure** to be erected on all the 4 lane & highways

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## Landmark Projects for Greater Transformation



Sharavathi backwaters bridge, approaches between Ambargodu & Kalasvali and 16 packages of Trans Rajasthan Highways project awarded



A 3-lane underpass at Parade Road junction on NH 8 in New Delhi operationalised



Dasna-Hapur section of Delhi-Meerut Expressway inaugurated on 30th September, 2019



2 laning of 6 road projects with a total distance of 174 kms in Arunachal Pradesh completed



2 laning road project of 19 kms Assam, 26 km in Andaman & Nicobar Island & 73 km in Tripura completed

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## Facilitating Hassle Free Transport Services



**Use of Digilocker or mParivahan app** to show Driving Licence, Registration Certificate, etc., in electronic format

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Provision made for online IT based linkage of PUC certificate with VAHAN database

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Battery-Operated Vehicles/electric vehicles **exempted from paying registration fees**

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Educational qualifications prescribed for obtaining driving licenses **omitted under CMVR 1989**

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## Building Sustainable Road Infrastructure



**Green National Highways Corridor Project to rehabilitate 781.38 km of NH in Himachal Pradesh, Rajasthan, U.P. & Andhra Pradesh**



**22 new Green Expressways Projects** being constructed across the country



Development of industrial clusters around green expressways along with development of passenger amenities like **cafeteria, resting places, toilets, fuel stations, etc.**



Inauguration of 80 km long Dharchula-Lipulekh reduces pilgrimage to ***Kailash Mansarovar Yatra*** by many days



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## Paving the Roads of Development



Under SARDP-NE, 6418 km with an estimated investment of about ₹33,750 crore identified, **out of which 3225 km completed**



Char-Dham Program, development of 889 km NHs with an estimated cost of about ₹11,700 crore taken up



34,800 km with an estimated outlay of ₹5.35 lakh crore for development of NHs; under **Bharatmala Pariyojana Phase I**; 1255 km constructed in FY 2019-20



**BhumiRashi Portal** expedited transparent land acquisition & accelerated highway infrastructure development projects benefiting farmers, landowners, contractors etc

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## Easing Transport Services During Lockdown



**Validity of all types permits, Driving License or vehicle related documents** whose validity expires due to lock-down extended upto 30.6.2020



**Provides food packets & water bottles** near fee plazas & other places to truck drivers & stranded persons



A dashboard for information on availability of Dhabas & repair shops along with NH; **helpline 1033 to help drivers ferry essential item**



Daily monitoring traffic count across toll plazas through IT equipment by NHAI to **ensure smooth flow of traffic to maintain movement of essentials services**



About **₹11,000 crore released** to various contractors/ vendors clearing their pending bills during lockdown

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# Creating New Infrastructure for New India



**1800 sq.mt. Airport Authority of India's land allotted for construction of new lounge at Tirupati Airport**

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**3.7 acres of land allotted for Redevelopment of Pragati Maidan**

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**Atal Bhujal Yojana launched with an outlay of ₹6000 crore for a period of 5 years (2020 - 25) to improve ground water management for 8350 GPs of 78 districts in 7 States**

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**Capital Grant at 60% of estimated cost of ₹9265 crore for 1656 km North East Gas Grid project of IGGL approved**

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# Contribution of Railways in the Fight Against COVID-19 (1/2)



**Shramik Kalyan** - Ensuring safe return of migrants to their home states, Shramik Special Trains started from Shramik Diwas (1st May)

- 3,840 Shramik Specials till 28th May. Total 52 lakh Shramiks moved
- Over 85 lakh meals and 1.25 crore water bottles supplied free



**Special Passenger Trains** - 30 Special trains started from 12th May, 2020 from New Delhi to 15 major cities



**Make in India-** Indian Railways produced 1.2 lakh Coveralls of PPEs, 1.4 lakh litres of sanitizer & 20 Lakh reusable Face covers

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# Contribution of Railways in the Fight Against COVID-19 (2/2)



## COVID Care Centres

- Railways created over 3 lakh bed capacity in its coaches for use as COVID-19 care centres
- Earmarked 5,000 beds in 17 dedicated hospitals & 33 isolated hospital blocks for COVID care



## Uninterrupted movement of freight operations

- Total 3,255 parcel trains run (from 22 Mar'20 till 22 May'20) out of which 3,160 time-tabled trains used for transporting essential items like medical supplies & equipment, food items, milk, dairy etc.
- Ensured 24x7 uninterrupted movement of freight & moved over 23.2 lakh wagons out of which 13.5 lakh wagon carried essential commodities like food grains, milk etc.

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# Prioritising Passenger Safety



**Best ever safety performance:** Zero passenger fatalities during 2019-20, first time ever in the history of Railways



**Best ever safety performance:**

- Highest ever elimination of manned crossing levels - 1,274 in 2019-20 vs 631 in 2018-19
- Highest ever Rail renewals - 5,181 TKM vs 4,265 TKM in 2018-19

84 stations with mechanical signaling replaced with electrical signaling

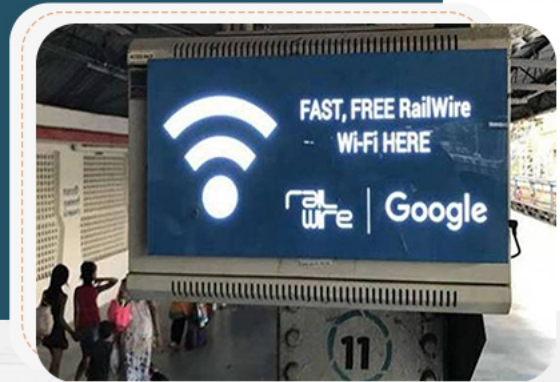


**Commandos for Railway Security**

- First Railway Commando Battalion 'CORAS' launched to tackle the menace of terrorism and Naxalism
- 132 stations provided CCTV based surveillance system during 2019-20

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## Digitising Railways, Enhancing Passengers Experience



4,058 stations provided with high speed free Wi-Fi in FY 2019-20



e-Ticketing- Unreserved tickets for halt stations issued through Unreserved Ticketing System (UTS) terminals replacing earlier printed card tickets system



Artificial Intelligence based PNR confirmation predictor integrated with IRCTC website to predict the probability of waitlisted ticket getting confirmed



'RailMadad' serves as a Railways-only Portal for redressal of customers grievances.



Works Contract Management System (WCMS): An e-application IR-WCMS launched as a pilot project in 17 divisions of IR to handle works contracts on e-platform

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# From Darkness To Light



**₹6220 crore GOI Grant released** under Pradhan Mantri Sahaj Bijli Har Ghar Yojana (SAUBHAGYA) as on 31.03.2020



**₹48525.54 crore released since 2014-15** under Deen Dayal Upadhyaya Gram Jyoti Yojana

- ⚡ 1,671 new sub-stations commissioned
- ⚡ 1,966 sub-stations augmented
- ⚡ 5,45,809 distribution transformers installed
- ⚡ 4,69,515 Kms of LT lines and 1,92,946 Kms of HT lines erected
- ⚡ 1,15,119 Kms feeder separation completed



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## Smart Metering: Digitalising Power Sector



EESL, a JV between CPSUs in the power sector, has been **providing Smart metering**



**More than 12 lakh smart meters have been installed** in Uttar Pradesh, Haryana, Bihar, NDMC-Delhi and Bihar

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## Power Rail Koyla Availability through Supply Harmony (PRAKASH) Portal



For Coal company: Stocks and the coal requirement at power stations



For Indian Railways: Actual coal available at siding



Power stations can plan future schedule by knowing rakes in pipe line and expected time of receipt



MoP/MoC/Ministry of Railways/CEA/POSOCO can review overall availability of thermal power in different regions

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## Harnessing Hydropower, Ensuring Uninterrupted Distribution



**15.6% higher generation** (156 BU) in 2019-20 from generation (134.9 BU) in 2018-19



**Mangdechhu hydropower project** (720 MW) in Bhutan commissioned in August 2019



**₹1600 crore approved in July 2019** for pre-investment activities of NHPC's Dibang Multipurpose (2880 MW) project in Arunachal



NTPC's foray into hydropower sector through **100% share purchase of THDC and NEEPCO**



Hydro-rich states of Jammu & Kashmir & Himachal Pradesh provided relaxations to **reduce tariff of hydropower projects**

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## Strengthening 'Neighbourhood First' Policy



Hon'ble PM of India and Nepal jointly inaugurated South Asia's first cross-border petroleum products pipeline on 10th September 2019



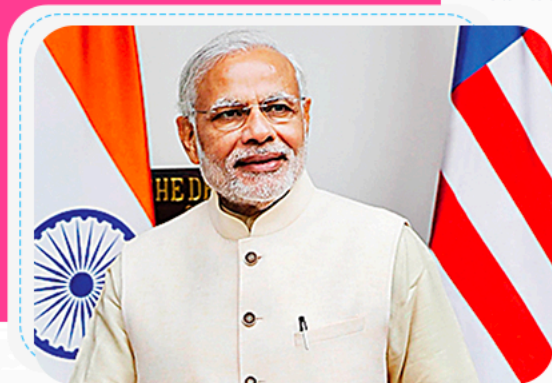
Hon'ble PM of India and Bangladesh jointly inaugurated the project to import Bulk LPG from Bangladesh on 5th October 2019



Hon'ble PM announced increase of subsidized LPG to Bhutan from present 700 MT to 1000 MT per month, in August 2019

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## Deepening Bilateral Relationships with Energy Partners



During FY 2019-20, **India has elevated relations with major suppliers** from level of buyer-seller to strategic partner

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MoU signed between **Gol and Russia on use of natural gas for transportation**

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Bilateral hydrocarbon trade with the USA increased from almost negligible in 2017 to become **11% of total two-way trade**

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**UAE state-owned ADNOC supplied LPG and crude oil** during production disruption due to attack on facilities of ARAMCO in September 2019

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## Significant Improvement in Trading Across Borders



'Trading across Border' parameter rank improved from **80 to 68** in World Bank Report on ease of Doing Business



Adopted measures like Direct Port Delivery (DPD), Direct Port Entry (DPE), Installation of scanners, etc



Introduced an upgraded Port Community System (PCS) to enable seamless data flow

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## Transforming Ports from Service Model to Landlord Model



Replaced The Major Port Trusts Act, 1963 with The Major Port Authorities (MPA) Bill, 2020



Provides operational autonomy for greater efficiency



Rs 65,544.54 crores allocated for VadHAVAN port to be developed on 'Landlord model'



All business activities to be undertaken under Public Private Partnership (PPP) model

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# Modern Marine Security Features for Seafarers



India becomes the first country to issue **Biometric Seafarer Identity Document (BSID)**

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**New marine security features**, including a biometric chip which is embedded in this security card based identity

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Record of each BSID issued to be **maintained in a national database that can be accessed internationally**

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Identification of the BSID holder to be **more reliable and efficient, while protecting dignity and privacy**

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**Provide ease of getting jobs** to the growing number of Indian Seafarers

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# A New Dawn in the Lives of Lakhs of People



## PM-Unauthorized Colonies in Delhi Awas Adhikar Yojana (PM-UDAY)

To give ownership rights to over 40 lakh residents in 1,731 unauthorised colonies in Delhi, National Capital Territory of Delhi (Recognition of Property Rights of Residents in Unauthorised Colonies) Act, 2019 enacted



Allow Registration Charge and Stamp Duty to be levied on nominal charge fixed by the Government instead of the prevailing circle rate as per the extant law



The property owners living in these unauthorised colonies can now enter into **valid property transactions** and raise funds from financial institutions



More than 2.5 lakh residents of unauthorized colonies have registered on PM-UDAY portal of Delhi Development Authority



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## Intensifying Swachh Bharat Mission (1/2)



**ODF states:** 12 additional states become ODF within the year



**ODF cities:** 180 cities self-declared as ODF & 660 certified as ODF within the year



**ODF+ / ++ cities:** ODF+ certified cities increased by 929 and ODF++ certified cities



**Individual Household toilets constructed** increased by 4.60 lakhs



61.60 toilets constructed against Mission target of 59 lakhs



**Individual Household toilets constructed** increased by 4.60 lakhs



5.93 lakh toilet seats constructed against Mission target of 5.08 lakh seats

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## Intensifying Swachh Bharat Mission (2/2)



### Solid waste management

**100% Door to door collection:** increased by 5,434 wards; 81,535 wards (96%) out of 84,780 wards are practicing door to door collection of waste

**100% Source Segregation:** increased by 11,654 wards; 64,730 wards (77%) out of 84,780 wards are practicing source segregation of waste

**Total waste processing:** increased by 12% over previous year (Current waste processing is 65% as against 53.19% till 1st April 2019)



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# Towards Housing For All (Urban)



## Achievement during the last one year



### Pradhan Mantri Awas Yojana (Urban)



23.92 lakh houses sanctioned with an overall investment of ₹1.49 lakh crore. ₹19,797 crore Central assistance released



18.44 lakh houses grounded for construction and 8.2 lakh completed



Affordable Rental Housing Complex (ARHC) announced to provide ease of living, access to dignified and planned housing for migrant labour and urban poor



The Credit Linked Subsidy Scheme (CLSS) for Middle Income Group (MIG) extended till 31st March 2021 to benefit 2.5 lakh Middle income families

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## Smart City Mission - Transforming Indian Cities



Smart Cities Mission made significant progress in laying the foundation for future of urban India:



Projects worth over ₹1,65,000 crores tendered (an increase of about ₹32,000 crore in the last 12 months)



Projects amounting to around ₹1,24,000 crores are in the implementation stage (an increase of over ₹36,000 crores in the last 12 months)



Over 30 Smart Command and Control Centers operationalized by Smart Cities

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## Defence Initiatives Towards COVID-19 Management



Eleven (11) diagnostic labs under AFMS upgraded and accredited by the ICMR as **COVID-19 diagnostic labs** and four more in the pipeline



Over **9000 beds earmarked in 50 AFMS hospitals** declared dedicated COVID-19 hospitals & mixed COVID-19 hospitals to cater for isolation and treatment



Quarantine facilities were created for civilians evacuated from overseas in **Manesar, Jaisalmer, Jodhpur and Bhopal** wherein **1725 evacuees** from different countries **China, Italy, Iran, Kuwait** etc. successfully treated and released



Medical teams of **AFMS** were sent to **Maldives and Kuwait** to assist the respective Governments in their preparedness for COVID-19 pandemic



Air evacuations carried out by **Indian Air Force** for stranded Indian citizens amidst COVID-19 pandemic

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## The National War Memorial: A Tribute to Our Brave Soldiers



Dedicated to the Armed Forces on 25th Feb 2019, celebrated its 1st Anniversary on 25th Feb 2020



For the first time, Nation pays homage to its bravehearts at **National War Memorial on Republic Day**



For the first time, a grateful nation led by **Hon'ble PM Shri Narendra Modi paid homage to bravehearts** of post-independent India on Republic Day



A popular destination for the public war veterans, tourists etc.; **visited by over 25.76 lakh visitors till date**

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## The National War Memorial: A Tribute to Our Brave Soldiers



Increasing Age of Retirement of **CAPFs Personnel to 60 years**; **more than 7 Lakh personnel** to be benefitted

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Organized Group **'A' Services Status to Officers of CAPFs**; **grant of consequential benefits** of Non Functional Financial Upgradation (NFFU) and Non Functional Selection Grade (NFSG)

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'In-Principle' approval for establishing **National Police University (NPU)**

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State-of-art building of **Delhi Police Headquarters** inaugurated in New Delhi



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## Upwards and Onwards: Increasing Renewable Energy Capacity



A total of **8761.26 MW of Renewable Energy** capacity was installed during 2019-20



**37.74 GW**  
from Wind



**34.63 GW**  
from Solar



**10.02 GW**  
from Bio-power



**4.68 GW**  
from Small Hydro

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# Strengthening Solar Grid with PM-KUSUM



**Solarization and de-dieselization** of agricultural sector



**Installation of Grid Connected Renewable Energy Power Plants** by farmers of 0.5 to 2 MW capacity, primarily on barren land



During 2019-20, sanctions were given to **various States for installation of:**



1000 MW of renewable energy power plants of up to 2 MW capacity under Component-A



Installation of 1.71 lakh standalone solar pumps under Component-B



Solarization of 82000 existing agricultural pumps under Component-C

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## New Energy Initiatives



11 sanctioned Renewable Energy Management Centres (REMC) commissioned



REMCs have features like Real time RE generation Data Acquisition and **Monitoring, Forecasting & Scheduling, etc.**



Record 16,074 Suryamitras (solar energy workers, entrepreneurs) trained



19,036 solar pumps installed; 17,05,655 solar study lamps distributed to students; 55,811 solar street light installed



2nd Assembly of International Solar Alliance successfully organized; **Over 30 ministerial delegations** attended the assembly