



MINISTRY OF HOUSING  
& URBAN AFFAIRS  
GOVERNMENT OF INDIA



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# DUBAI

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# INDIA@75: A Self-Reliant Nation

India's investment in the urban sector has jumped by over 500% during 2014-2021 as compared to 2004-2014 from around USD 20 billion to over USD 120 billion.

Urban India presents significant opportunities for the private sector

USD 50  
billion

1700+ kms  
Metro Rail/ Regional Rapid  
Transit Systems/ Green Mobility

USD 106  
billion

11+ million  
Affordable Houses  
under PMAY-U

USD 37  
billion

4700+  
Water Secure Cities

USD 20  
billion

Clean India Mission 2.0

USD 28  
billion

100 Smart Cities

USD 1  
billion

60 Solar Cities

This is the time to invest in urban India! The new India! Transforming India!  
<https://indiainvestmentgrid.gov.in/schemes>

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# Circular Economy: Generating Wealth from Waste

India's cities are imbibing circular economy principles in infrastructure development.



Circular economy estimated to provide annual benefits of **USD 624 billion** in 2050 and help cities achieve 40 percent reduction in CO2 emissions.

Waste management industry in India is projected to be worth **USD 4 trillion** by 2030.

Circular economy approach in construction of around 1000 million square meters of new residential and commercial space every year in cities to create annual benefits of **USD 76 billion** in 2050.

India's smart cities are demonstrating tremendous leadership in adoption of modern waste management techniques.

National target of 450 GW renewable energy for 2030 creating opportunities for solar panels and other electric components.

With enabling policies around circular economy principles, India is committed to achieve the goals set as part of **Sustainable Development Goals 2030**.



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# Smart Finance: Empowering Cities

India's cities are adopting innovative financing techniques to upgrade their infrastructure at speed and scale.

Over 200 multi-sectoral projects worth USD 2.75 billion are being developed in Public Private Partnership under **Smart Cities Mission**.

Cities are developing housing and business opportunities through land monetization and Transit Oriented Development.

10 cities have raised USD 515 million through municipal bonds in the past four years.

Cities are tapping carbon credit financing to fund their waste management and renewable energy projects.

Cities are undertaking bio-remediation projects to free-up more 14,000 acres of land from garbage heaps, a classical example of waste to wealth.

Details of these projects can be found at the following websites:  
<https://indiainvestmentgrid.gov.in>, <https://smartcities.gov.in>, and <https://smartnet.niua.org>



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# Digital Opportunities@Smart Cities

Prime Minister Mr. Narendra Modi launched the **Digital India Mission** in 2015 inspiring the nation to put technology at the core of it's development goals.

USD 1 trillion of economic value from the digital economy by 2025, with half of the opportunity originating in new digital ecosystems in diverse sectors.

**National Urban Digital Mission** is a citizen centric approach to urban governance aimed at providing online service delivery across all cities and towns in India by 2025.

**Smart Cities Mission** has introduced smart solutions worth over USD 2 billion in areas such as Integrated Command and Control Centers (ICCCs) and Intelligent Traffic Management System (ITMS).

The **India Urban Data Exchange (IUDX)** is a cutting edge open-source platform for safe and easy sharing of data amongst diverse public and private participants.

An estimated investment of USD 25 Billion is anticipated for similar tech-driven transformation in more than 4,000 cities in India over the next 10 years.

**DataSmart** Cities strategy is supporting the development of data-driven governance.

For more information, check out [www.smartcities.gov.in](http://www.smartcities.gov.in)



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# National Infrastructure Pipeline

National Infrastructure Pipeline (NIP) aims to achieve India's ambitious goal of USD 10 trillion economy by 2030.

The pipeline includes over 9,000 projects amounting to USD 1.5+ Trillion in areas like Transport, Logistics, Energy, Water, Sanitation, Social and Commercial Infrastructure up to 2025.

USD 200+ billion worth urban projects including Metro Rail, Smart Cities, Affordable Housing and Water in the pipeline

USD 100+ billion investment to deliver 11+ million homes to urban families by 2022.

Project Development Cell established within MoHUA to provide end-to-end facilitation to global investors.

Detailed progress and opportunities in each of these NIP projects can be seen on the website as below. (<https://indiainvestmentgrid.gov.in>)

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# Business Innovation: Driving Growth

India is witnessing the rise of a vibrant innovation ecosystem enriched by technology, talent and entrepreneurial spirit offering enormous potential to address the toughest urban challenges across the nation.

India's **Smart Cities** are bringing to life the concept of open innovation.

Professionally packaged, hand-crafted ethnic products created by women SHGs reaching worldwide through leading e-commerce portals.

Integrated Command and Control Centers being set up in cities are promoting holistic and data-driven governance.

Large investment opportunities exist in smart redevelopment of commercial/residential areas, public spaces, and recreational facilities.

City Innovation Exchange (CIX), a digital marketplace for city leaders and innovators hosts 400+ start ups, 100+ cities and 150+ challenges.

Global Housing Technology Challenge has opened horizons for infusion of innovative construction technologies in India's housing sector.



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# Water Secure Cities: Enabling Universal Access

A study by [Associated Chambers of Commerce and Industry of India](#) in 2017 estimates the need for an investment worth USD 291 billion in India's water sector by 2030.

India is intensifying its efforts to address water security through AMRUT 2.0. The Mission, with an estimated investment of USD 37 billion over the next 5 years, prioritises water supply augmentation, reuse of water and sewerage/septage projects.

[NITI Aayog](#) - a public policy think tank of the Government of India - estimates India's wastewater treatment plants market at USD 4.3 billion by 2025.

The application of Internet of Things (IoT) based smart water networks in India will need investments of about USD 2 billion by the year 2025.

India's desalination plant market valued at USD 940 million in 2018 is projected to grow at a CAGR of 8.9% to reach USD 1.4 billion by 2024.



For more info: [AMRUT 2.0](#)

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# Green Business Models: A Sustainable Future

The **National Mission for Sustainable Habitat** (NMSH) under the **National Action Plan on Climate Change** (NAPCC), aims to make India's Cities ClimateSmart.

**ClimateSmart Cities Assessment Framework** is promoting responsible climate action in India's cities.

India's 2030 vision for electric mobility aims to take the share of electric vehicles to 70 pc in commercial car, 30 pc in private car, 40 pc in bus and 80 pc in two/three-wheeler segments, translating to 100+ million EVs.

India has pledged to achieve about 40% cumulative electric power installed capacity from non-fossil fuel-based energy resources by 2030.

**FAME-India** is supporting electrification of public/ shared transport, charging infrastructure.

India has set a target of installing 450 GW of renewable energy by 2030.

India's electric vehicle market is projected to be worth USD 190 billion over the next 10 years.



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# Next – Gen Mobility: India on the Move

Next Gen Mobility can be understood as safe, affordable, fast, technology-driven, environment friendly and citizen-centric transport systems.

Mass rapid transit systems ([Metro Rail/ RRTS](#)) worth USD 50 billion are in the pipeline.

India's 2030 vision for electric mobility targets investments worth USD 190 billion.

USD 500 million worth Metro-Neo projects and USD 4 billion worth Metro-Lite investments envisaged.

Under the transformational [India Cycles4Change](#) initiative, India's cities are building over 10,000 kms of cycling infrastructure.

With 4,500+ kms of waterways, Integrated Urban Water Transport Systems is an emerging investment opportunity.

India's e-bicycle market is estimated to reach a market value of over USD 200 million by 2024!



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# Resilient Cities: Future Proof Development

India's [National Action Plan on Climate Change](#) is aligned with [Sustainable Development Goals](#) and India's commitments under the [Paris Agreement](#).

[ClimateSmart Cities Assessment Framework](#) is promoting responsible climate action in India's cities. The results of CSCAF-2.0 are available [here](#).

[International Finance Corporation \(IFC\)](#) report estimates climate investment opportunities in India worth USD 3.1 trillion through 2030.

Programs like [Clean India Mission 2.0](#), [National Clean Air Program](#), [AMRUT 2.0](#), [Smart Cities Mission](#) are supporting cities' sustainability initiatives.

[Climate Centre for Cities](#) and [ClimateSmart Cities Alliance](#) are pioneering climate action.

City governments are playing a key role to attract private investments in emission reduction, risk management and building climate resilience.



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# A Roof Over Every Head: Transforming Lives

India aims to provide a good quality house with access to safe water connection, toilet facilities, 24x7 electricity supply to all its families by 2022.

**Pradhan Mantri Awas Yojana-Urban (PMAY-U)**, the world's largest urban housing scheme is targeted to construct more than 11 million houses for needy urban dwellers with an investment of USD 100 billion.

**The Model Tenancy Act, 2021** aims to create an effective regulatory ecosystem in India's rental market.

A Technology Sub-Mission (TSM) under PMAY-U has been set up. **Light House Projects (LHPs)** in six States are being implemented as part of **Global Housing Technology Challenge**.

By 2030, the real estate market in India is expected to grow to USD 1+ Trillion.

**Affordable Rental Housing Complexes (ARHCs)**, a sub-scheme under PMAY-U, is being implemented to support urban migrants.

**Real Estate (Regulation and Development) (RERA) Act** has provided tremendous impetus to the real estate sector.



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# India: The Land of Growth and Opportunity

\$3  
Trillion

World's 5th largest economy  
(national GDP) (IMF, 2019)

1,100+  
Billion

Mobile Phone Users  
(TRAJ, 2018)

More than  
4700

Cities and Towns  
(India Census 2011)

600  
Million

Will be living in India's cities  
by 2030 (WUP, 2020)

3<sup>rd</sup>  
Rank

World Ranking in Start-up  
ecosystem  
(Economic Survey, 2018-19)

27,000+

No. of registered start-ups  
(Start-up India website, 2020)

\$28  
Billion

Investments in Smart Cities  
(India Smart Cities Mission)

\$1.5  
Trillion

National Infrastructure Pipeline  
(Invest India Grid)

1.3

Billion in 2019  
World's 2nd largest population  
(IMF, 2019)

566  
Million

Internet users in India  
(2018)

53  
Cities

With Million Population  
(India Census 2011)

\$600

Investments in India's  
Urban Sector until 2030  
(HPEC Report, 2011)



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Come, explore! We welcome you to be part of India's transformation journey.



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[mohua.gov.in](http://mohua.gov.in)

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